













		50H	dz Single Phase YTO	Series Diesel Genset	Specifications		
Model		SDG8KS	SDG10KS	SDG12KS	SDG16KS	SDG20KS	SDG25KS
Reference Model(Open type	e)	SDG8K/50/1/F/C	SDG10K/50/1/F/C	SDG12K/50/1/F/C	SDG16K/50/1/F/C	SDG20K/50/1/F/C	SDG25K/50/1/F/C
Reference Model(Silent type	=)	SDG8KS/50/1/F/C	SDG10KS/50/1/F/C	SDG12KS/50/1/F/C	SDG16KS/50/1/F/C	SDG20KS/50/1/F/C	SDG25KS/50/1/F/C
D : D	KVA	8	10	12	16	20	25
Prime Power	KW	8	10	12	16	20	25
Ctandby Dayyar	KVA	8.8	11	13.2	17.6	22	27.5
Standby Power	KW	8.8	11	13.2	17.6	22	27.5
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230
Rate Current	А	34.8	43.5	52.2	69.6	87	108.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	12	12	12	12	12	12
Battery Capacity	AH	45	45	45	45	45	80
Coolant Capacity	L	5.8	6	6	10.2	10.2	10.2
Base Fueltank Capacity	L	42	77.5	77.5	77.5	93	93
Fuel Consumption	L/Hours	3.5	4.5	5	6.3	7.8	9.5
Running Time	Hours		17	16	12	12	10
Sound @ 7 meter	Db		70	70	70	70	71
Open Type product size	L*W*H(mm)	1150×780×910	1560×900×980	1560×900×980	1560×900×980	1810×950×1020	1810×950×1020
Open Type Weight net	KG		480	490	505	650	690
Canopy Type product size	L*W*H(mm)		1800×800×1140	1900×800×1140	1900×800×1140	1960×800×1140	2200×1000×1320
., , , ,	KG		665	730	760	820	1000
Canopy Type Weight net	NG	360			760	020	1000
F		VPAGGE		ine Specifications	VOD 400D)/40FD	V4400D
Engine model	101	YD380D	YD480D	YND485D	YSD490D	Y495D	Y4102D
Prime power	KW		14	17	21	27	32
Structure		3 cylinder inline	4 cylinder inline	4 cylinder inline	4	4	4
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	3.5	4.5	5	6.3	7.8	9.5
Lubricant consumption	L/Hour	0.0175	0.0225	0.025	0.0315	0.039	0.0475
Governer		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolling		Water	Water	Water	Water	Water	Water
Lubricant capacity	L	3.5	5	6	6	7.5	7.5
Air intake flow	m³/min	1.6	2	2	2.3	1.72	2.1
Exhaust gas flow	m³/min	4.5	5.8	6	6.5	1.71	2.2
Exhaust gas temperature	$^{\circ}$	400	400	400	400	400	400
Exhaust gas back pressure	Kpa	5	5	5	5	5	5
Compression ratio		18	18	18	17.5	17.5	18
Aspiration		Natural	Natural	Natural	Natural	Natural	Natural
Bore	mm	80	80	85	90	95	102
Stroke	mm	90	90	95	100	100	105
Displacement	L	1.36	1.8	2.2	2.5	3.3	3.8
SAE		4/7.5	4/7.5	4/7.5	4/7.5	3/10.0	3/11.5
Dimension	L*W*H(mm)		687×494×627	692×492×675	734×530×682	892×618×718	892×622×730
Net weight	KG		195	205	230	300	320
rtot worgint	1.0	100		ator Specification	200		020
Model(FARRAND)		164C	164D	184ES	184E	184F	184H
Prime power	KVA		11	13	16	20	25
Structure	NVA	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing
		-			_		_
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	Н	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m³/s	0.071AS440	0.071AS440	0.071AS440	0.095AS440	0.095AS440	0.095AS440
AVR Model		AS460	AS460	AS460	AS460	AS460	AS460

YTO Series 50HZ 1Phase 8~64KVA



(-1, 3)	SDG64KS SDG64KS/50/1/F/C SDG64KS/50/1/F/C 64 64 70 70 1.0 50 230 278.3 ComAp IL9 12 80 20 220
Reference Model(Open type) SDG25K/50/1/F/C SDG30K/50/1/F/C SDG40K/50/1/F/C SDG40K/50/1/F/C SDG40K/50/1/F/C SDG40KS/50/1/F/C SDG40K	SDG64K/50/1/F/C 6DG64KS/50/1/F/C 64 64 70 70 1.0 50 230 278.3 ComAp IL9 12 80
Reference Model(Silent type) SDG25KS/50/1/F/C SDG30KS/50/1/F/C SDG40KS/50/1/F/C SDG45KS/50/1/F/C SDG50KS/50/1/F/C SDG45KS/50/1/F/C	60G64KS/50/1/F/C 64 64 70 70 1.0 50 230 278.3 ComAp IL9 12 80
RVA 25 30 40 45 50 50 50 50 50 5	64 64 70 70 1.0 50 230 278.3 ComAp IL9 12 80 20
Name	64 70 70 1.0 50 230 278.3 ComAp IL9 12 80 20
KW 25 30 40 45 50 Standby Power KVA 27.5 33 44 49.5 55 Power Factor 1.0 1.0 1.0 1.0 1.0 1.0 Frequency HZ 50 50 50 50 50 Rate Voltage V 230 230 230 230 230 Rate Current A 108.7 130.4 174 195.7 217.4 Controlller ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 Control Voltage V 12 12 12 12 12 Battery Capacity AH 80 80 80 80 80 Coolant Capacity L 10.2 10.2 13 13 13	70 70 1.0 50 230 278.3 ComAp IL9 12 80
Name	70 1.0 50 230 278.3 ComAp IL9 12 80
KW 27.5 33 44 49.5 55 Power Factor 1.0 1.	1.0 50 230 278.3 ComAp IL9 12 80
Frequency HZ 50 50 50 50 50 Rate Voltage V 230 230 230 230 230 Rate Current A 108.7 130.4 174 195.7 217.4 Controlller ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 Control Voltage V 12 12 12 12 12 Battery Capacity AH 80 80 80 80 80 Coolant Capacity L 10.2 10.2 13 13 13	50 230 278.3 ComAp IL9 12 80 20
Rate Voltage V 230 230 230 230 230 Rate Current A 108.7 130.4 174 195.7 217.4 Controlller ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 Control Voltage V 12 12 12 12 12 Battery Capacity AH 80 80 80 80 80 Coolant Capacity L 10.2 10.2 13 13 13	230 278.3 ComAp IL9 12 80 20
Rate Current A 108.7 130.4 174 195.7 217.4 Controlller ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 Control Voltage V 12 12 12 12 12 Battery Capacity AH 80 80 80 80 80 Coolant Capacity L 10.2 10.2 13 13 13	278.3 ComAp IL9 12 80 20
Controlller ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 ComAp IL9 Control Voltage V 12 12 12 12 12 Battery Capacity AH 80 80 80 80 80 Coolant Capacity L 10.2 10.2 13 13 13	ComAp IL9 12 80 20
Control Voltage V 12	12 80 20
Battery Capacity AH 80 80 80 80 80 80 Coolant Capacity L 10.2 10.2 13 13 13	80 20
Coolant Capacity L 10.2 10.2 13 13 13	20
' '	
Base Fueltank Capacity L 93 93 180 180 180	220
	220
Fuel Consumption L/Hours 9.5 10.8 14.2 16.1 17.6	19.6
Running Time Hours 10 9 12 11 10	11
Sound @ 7 meter Db 71 71 72 72 72	72
Open Type product size L*W*H(mm) 1810×950×1020 1810×950×1020 1955×950×1360 1955×950×1360 2	2395×1000×1410
Open Type Weight net KG 690 770 945 995 1035	1140
Canopy Type product size L*W*H(mm) 2200×1000×1320 2200×1000×1320 2360×1000×1500 2360×1000×1500 2360×1000×1500 2	2460×1000×1500
Canopy Type Weight net KG 1000 1045 1200 1250 1290	1530
Engine Specifications	
Engine model Y4102D Y4105D Y4102ZLD Y4105ZLD Y4EZLD	Y4110ZLD
Prime power KW 32 38 48 55 63	80
Structure 4 4 4 4 4	4
Fuel type Diesel Diesel Diesel Diesel Diesel	Diesel
Fuel consumption L/Hour 9.5 10.8 16.1 16.1 16.1	19.6
Lubricant consumption L/Hour 0.0475 0.054 0.0805 0.0805 0.0805	0.098
Governer Mechanical Mechanical Electrical Electrical Electrical	Electrical
Coolling Water Water Water Water Water	Water
Lubricant capacity L 7.5 8.3 11 11 11	11
Air intake flow m ³ /min 2.1 2.4 6.3 6.3 6.3	6.8
Exhaust gas flow m ³ /min 2.2 2.5 16 16 16	18.5
Exhaust gas temperature °C 400 450 480 480 480	485
Exhaust gas back pressure Kpa 5 5 9 9 9	10
Compression ratio 18 18 17 17 17	17
Aspiration Natural Natural Turbochargeringintercooled	
Bore mm 102 105 102 105 105	110
Stroke mm 105 105 105 105 105	125
Displacement L 3.8 4.1 4.2 4.4 4.4	4.75
SAE 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5	3/11.5
Dimension L*W*H(mm) 892×622×730 900×650×750 900×650×870 900×650×870 900×650×870	960×670×910
Net weight KG 320 350 420 420 420	560
Alternator Specification	2740
Model(FARRAND) 184H 184J 224E 224F 224F Drive payors 10/4 25 20 40 50 50	274C
Prime power KVA 25 30 40 50 50	66
Structure 1 bearing 1 bearing 1 bearing 1 bearing 1 bearing	1 bearing
Excitation model Self-excitation Self-excitation Self-excitation Self-excitation	Self-excitation
Insulation class H H H H H	Н
Protection class IP23 IP23 IP23 IP23 IP23	IP23
TIF <50 <50 <50 <50 <50	<50
THF <2% <2% <2% <2% <2% <2%	<2%
Air flow m³/s 0.095AS440 0.095AS440 0.216AS440 0.216AS440 0.216AS440	0.216AS440
AVR Model AS460 AS460 AS460 AS460	



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		000401/11/0			el Genset Specification		0000111110	000001/11/0
Model		SDG10K/KS	SDG13K/KS	SDG15K/KS	SDG20K/KS	SDG25K/KS	SDG31K/KS	SDG38K/KS
Reference Model(Open	. ,	SDG10K/50/3/F/C	SDG13K/50/3/F/C	SDG15K/50/3/F/C	SDG20K/50/3/F/C	SDG25K/50/3/F/C	SDG31K/50/3/F/C	SDG38K/50/3/F/C
Reference Model(Silent	J. /	SDG10KS/50/3/F/C	SDG13KS/50/3/F/C	SDG15KS/50/3/F/C	SDG20KS/50/3/F/C	SDG25KS/50/3/F/C	SDG31KS/50/3/F/C	SDG38KS/50/3/F/C
Prime Power	KVA	10	13.0	15	20	25	31.0	38
	KW	8	10	12	16	20	25	30
Standby Power	KVA	11	13.8	16.5	22	27.5	34.4	41
	KW	8.8	11	13.2	17.6	22	27.5	33
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	Α	14.4	18.0	21.7	28.9	36.1	45.2	57.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	12	12	12	12	12	12	12
Battery Capacity	AH	30	55	55	55	55	55	55
Coolant Capacity	L	5.8	6	6	10.2	10.2	10.2	10.2
Base Fueltank Capacity	L	42	77.5	77.5	77.5	93	93	93
Fuel Consumption	L/Hours	3.5	4.5	5	6.3	7.8	9.5	10.8
Running Time	Hours	12	17	16	12	12	10	9
Sound @ 7 meter	Db	68	70	70	70	70	71	71
Open Type product size	L*W*H(mm)	1150×780×910	1560×900×980	1560×900×980	1560×900×980	1810×950×1020	1810×950×1020	1810×950×1020
Open Type Weight net	KG	365	480	490	505	650	690	770
Canopy Type product size	L*W*H(mm)	1680×760×1050	1800×800×1140	1900×800×1140	1900×800×1140	2200×950×1250	2200×1000×1320	2200×1000×1320
Canopy Type Weight net	KG	580	665	760	786	870	1000	1045
17 71				Engine Specifica	ations			
		YD380D	YD480D	YND485D	YSD490D	Y495D	Y4102D	Y4105D
Prime power	KW	11	14	17	21	27	32	38
Structure		3	4	4	4	4	4	4
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	3.5	4.5	5	6.3	7.8	9.5	10.8
Lubricant consumption	L/Hour	0.0175	0.0225	0.025	0.0315	0.039	0.0475	0.054
Governer		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	3.5	5	6	6	7.5	7.5	8.3
Air intake flow	m³/min	1.6	2	2	2.3	1.72	2.1	2.4
Exhaust gas flow	m³/min	4.5	5.8	6	6.5	1.71	2.2	2.5
Exhaust gas temperature	°C	400	400	400	400	400	400	400
Exhaust gas back	Kpa	5	5	5	5	5	5	5
pressure	Тфа							
Compression ratio		18	18	18	17.5	17.5	18	18
Aspiration		Natural	Natural	Natural	Natural	Natural	Natural	Natural
Bore	mm	80	80	85	90	95	102	105
Stroke	mm	90	90	95	100	100	105	105
Displacement	L	1.36	1.8	2.2	2.5	3.3	3.8	4.1
SAE		4/7.5	4/7.5	4/7.5	4/7.5	3/10.0	3/11.5	3/11.5
Dimension	L*W*H(mm)	608×490×578	687×494×627	692×492×675	734×530×682	892×618×718	892×622×730	900×650×750
Net weight	KG	155	195	205	230	300	320	350
				Alternator Specific				
Model(FARRAND)		164B	164C	184ES	184E	184F	184G	184J
Prime power	KVA	11	14	18	22	28	31	43
Structure		1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	1 bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		Н	Н	Н	Н	Н	Н	Н
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m³/s	0.071	0.071	0.071	0.095	0.095	0.095	0.095
AVR Model		AS460	AS460	AS460	AS460	AS460	AS460	AS460

YTO Series 50HZ 3Phase 10~228KVA



Model				FOLL- Thro	a Dhaga VTO Sari	as Dissal Conset	Charifications			
Reference Model(Court type)			00050141140					0004451/0	000404160	0000014#40
Reference Model Steint Type) SIDCENSEGRAPE SIDCENSES SADE SIDCENSES										
Prime Prover										
Seminary Power	Reference Model(Silen	· · ·								
Sunday Proper	Prime Power	KVA	50	56	63	80	109	145	181	228
Progress Factor		KW	40	45	50	64	87	116	146	182
Province	Standby Power	KVA	55	61.6	70	88	120	160	200	250
Frequency H.Z. 50 50 50 50 50 50 50 5		KW	44	49.5	55	70	96	128	160.2	200
Rate Voltage	Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Rose Current A 86.6 86.6 86.6 86.6 118.4 157.3 209.3 262.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.7 327.2	Frequency	HZ	50	50	50	50	50	50	50	50
Control Voltage	Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Carrier Voltage	Rate Current	Α	86.6	86.6	86.6	118.4	157.3	209.3	262.7	327.7
Seltery Capacity	Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Decident Capacity L 13	Control Voltage	V	12	12	12	24	24	24	24	24
Decident Capacity L 133	Battery Capacity	AH	55	55	55	110	160	160	240	240
Base Fueltank Capachy		1	13	13	13	13	27.7	27.7	37.2	37.2
Fuel Consumption	. ,	ı								
Rounsing Time	. ,	I /Hours								
Description	•									
Open Type product size LVMH(mm) 1955-950×1360 1955-950×1360 1955-950×1360 2395+1000×1410 2550×1150×1560 2050×1300×1600 2000×1300×1600 2000×1300×1600 2000×1300×1600 2000×1300×1600 2000×1300×1600 2000×1300×1600 2000×1500×1600 2000×1500×1600 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1500×1600×200 2000×1600×1700 2000×1500×1600×200 2000×1600×200 2000×1600×200 2000×1600×200 2000×1600×200 2000×1600×200 2000×1600×200 2000×1600×200 2000×1600×200 2000×1600×200 2000×200×200 2000×200×200 2000×200×200 2000×200×200 2000×200×200×200 2000×200×200×200 2000×200×200×200 2000×200×200×200×200×200 2000×200×200×200×200×200×200×200×200×20										-
Depart Type Weight net										
Canopy Type product size L*M**Himm 2360+1000+1420 2360+1000+1420 2460+1000+1500 2000 2135 2550 2800 2	. ,, ,	, ,								
CanopyType Weight net										
Prime power	13 31 1	, ,								
Prime power KW 48 55 63 80 113 132 180 220	Canopy Type Weight net	KG	1200	1250			2020	2135	2650	2800
Prime power)/44007LD)/44057LD	_	·	L BOAGL BA	L DOMOL DA)//////// DA	\#4004LD4
Structure										
Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel D	,	KW	-							
Fuel consumption Life Li			·	·	-			-		
Lubricant consumption L/Hour O.0805 0.0805 0.0805 0.0805 0.0805 0.098 0.159 0.1855 0.253 0.2815 Governer Mechanical Electrical Mater Water	Fuel type									
Mechanical Electrical Ele	Fuel consumption	L/Hour								
Coolling	Lubricant consumption	L/Hour	0.0805	0.0805	0.0805	0.098	0.159	0.1855	0.253	0.2815
Lubricant capacity	Governer		Mechanical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Air intake flow m³/min 6.3 6.3 6.3 6.316 6.8 9.8 10.4 14.5 14.5 Exhaust gas flow m³/min 16 16 16 18.5 26.7 28.7 40 40 40 Exhaust gas temperature © 480 480 480 480 480 450 450 450 450 Exhaust gas temperature © 480 480 480 480 450 450 450 450 Exhaust gas back pressure No 480 480 480 450 450 450 450 Exhaust gas back pressure No 480 17 17 17 17 17 17 17 17 18.5 16.5 No 450 N	Coolling		Water	Water	Water	Water	Water	Water	Water	Water
Exhaust gas flow m³/min 16 16 16 18.5 26.7 28.7 40 40 40 Exhaust gas temperature	Lubricant capacity	L	11	11	11	11	11	16.1	24	24
Exhaust gas back pressure T 480 480 480 480 450 450 450 Exhaust gas back pressure Kpa 9 9 9 10 6 6 6 6 Compression ratio 17 17 17 17 17 17 17 17 16.5 16.5 Aspiration Turbochargeringintercooled Bore mm 102 105 105 110 105 108 120 126 126 Stroke mm 105 105 105 125 125 125 130 130 130 Displacement L 4.2 4.4 4.5 4.75 6.49 7.127 9.73 9.73 9.73 SAE 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 1/14.0 11/4.0 11/4.0 11/4.0 11/4.0 11/4.0 11/4.0 11/4.0 11/4.0 11/4.0 11/4.0	Air intake flow	m³/min	6.3	6.3	6.316	6.8	9.8	10.4	14.5	14.5
Exhaust gas back pressure Kpa 9 9 10 6 6 6 6 Compressior ratio 17 17 17 17 17 17 17 16.5 16.5 Aspiration Turbochargeringintercooled Bore mm 102 105 105 110 105 108 120 126 Stroke mm 105 105 125 125 125 130 131 131 131 1311.5 3/11.5 <td>Exhaust gas flow</td> <td>m³/min</td> <td>16</td> <td>16</td> <td></td> <td>18.5</td> <td>26.7</td> <td>28.7</td> <td>40</td> <td>40</td>	Exhaust gas flow	m³/min	16	16		18.5	26.7	28.7	40	40
oressure Kpa 9 9 10 6 6 6 Compression ratio 17 17 17 17 17 16.5 16.5 Aspiration Turbochargeringintercooled Bore mm 102 105 105 110 105 108 120 126 Stroke mm 105 105 105 125 125 125 130 130 Displacement L 4.2 4.4 4.5 4.75 6.49 7.127 9.73 9.73 SAE 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 1/14.0 1/	Exhaust gas temperature	°C	480	480		480	480	450	450	450
Pressive		Kpa	9	9		9	10	6	6	6
Aspiration Turbochargeringintercooled			17	17	17	17	17	17	16.5	16.5
Bore	-		17	17	17			17	10.5	10.5
Stroke mm 105 105 105 125 125 125 130 130 Displacement L 4.2 4.4 4.5 4.75 6.49 7.127 9.73 9.73 SAE 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 1/14.0 1/14.0 Dimension L*W*H(mm) 900×650×870 900×650×8705 875×590×870 1691×858×1770 1927×950×1345 1927×950×1345 Net weight KG 420 420 420 560 650 650 720 720 Alternator Specification Alternator Spe	,	mm	102	105	105			100	120	126
Displacement										
SAE 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 3/11.5 1/14.0 1/14.0 Dimension L*W*H(mm) 900×650×870 900×650×8705 875×590×870 1691×858×1777 1691×858×1700 1927×950×1345 1927 720 274L 274L 274L 274L 274J 274J 274L 274J 1927 1927 1927 1927										
Dimension L*W*H(mm) 900×650×870 900×650×870 900×650×8705 875×590×870 1691×858×1777 1691×858×1700 1927×950×1345 1927×950×13	•	L								
Net weight KG 420 420 420 560 650 650 720 720 720		1 418747 17								
Model(FARRAND) 224D 224E 224E 224G 274D 274EL 274H 274J		, ,								
Model(FARRAND) 224D 224E 224E 224G 274D 274EL 274H 274J Prime power KVA 50 60 60 85 114 150 200 225 Structure 1 bearing	Net weight	KG	420	420			650	650	720	720
Prime power KVA 50 60 60 85 114 150 200 225 Structure 1 bearing 1 bearin										
Structure 1 bearing 1 bearing <t< td=""><td>, ,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	, ,									
Excitation model Self-excitation Self-exci	•	KVA								
Insulation class H	Structure		1 bearing	1 bearing	1 bearing	1 bearing	1 bearing	-	1 bearing	1 bearing
Protection class IP23	Excitation model					Self-excitation	Self-excitation		Self-excitation	
TIF	Insulation class		Н							Н
THF	Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Air flow m ³ /s 0.216 0.216 0.216 0.216 0.514 0.514 0.514 0.514	TIF		<50	<50	<50	<50	<50	<50	<50	<50
	THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
AVR Model AS460 AS460 AS460 AS460 AS440 AS440 AS440 AS440 AS440	Air flow	m³/s	0.216	0.216	0.216	0.216	0.514	0.514	0.514	0.514
	AVR Model		AS460	AS460	AS460	AS460	AS440	AS440	AS440	AS440



			50H-	Single Phase	Cummina Sori	os Diosal Can	not Specification	anc.			
		SDG10DC/	SDG12DC	SINGIE Phase SDG16DC	SDG20DC	SDG20DC	set Specification SDG32DC	SDG32DC	SDG40DC	SDG48DC	SDG64DC
Model		DCS	/DCS	/DCS	/DCS	/DCS	/DCS	/DCS	/DCS	/DCS	/DCS
Reference Model (Op	en type)	SDG10DC	SDG12DCS	SDG16DCS	SDG20DCS	SDG20DCS	SDG32DCS	SDG32DCS	SDG40DCS	SDG48DCS	SDG64DCS
rtorororo moder (Op	on typo)	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C
Reference Model (Sile	ent type)	SDG10DCS	SDG12DCS	SDG16DCS	SDG20DCS	SDG20DCS	SDG32DCS	SDG32DCS	SDG40DCS	SDG48DCS	SDG64DCS
	717	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C
Reference Model (Op	en type)	SDG10DC	SDG12DCS	SDG16DCS	SDG20DCS	SDG20DCS	SDG32DCS	SDG32DCS	SDG40DCS	SDG48DCS	SDG64DCS
		/50/1/S/C SDG10DCS	/50/1/S/C SDG12DCS	/50/1/S/C SDG16DCS	/50/1/S/C SDG20DCS	/50/1/S/C SDG20DCS	/50/1/S/C SDG32DCS	/50/1/S/C SDG32DCS	/50/1/S/C SDG40DCS	/50/1/S/C SDG48DCS	/50/1/S/C SDG64DCS
Reference Model (Sile	ent type)	/50/1/S/C	/50/1/S/C	/50/1/S/C	/50/1/S/C	/50/1/S/C	/50/1/S/C	/50/1/S/C	/50/1/S/C	/50/1/S/C	/50/1/S/C
Prime Power	KVA	10	12	16	20	20	32	32	40	48	64
	KW	10	12	16	20	20	32	32	40	48	64
Standby Power	KVA	11	13	18	22	22	35	35	44	53	70
	KW	11	13	18	22	22	35	35	44	53	70
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230	230	230	230	230
Rate Current	Α	43.5	52.2	69.6	87.0	87.0	139.1	139.1	173.9	208.7	278.3
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	110	110	110	110	110	110	110
Coolant Capacity	1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	32.9
Base Fueltank Capacity	ı	180	180	180	180	180	180	180	180	180	245
Fuel Consumption	L/Hours	6.4	6.4	6.4	6.4	6.4	9.3	9.3	9.3	9.3	22
Running Time	Hours	28	28	28	28	28	19	19	19	19	11
Sound @ 7 meter	Db		70	70	70	70	70	70	71	71	72
Open Type product size			1850×900×1331								
Open Type Weight net	KG		840	840	840	840	860	860	860	860	1300
Canopy Type product size	-										
			1		1320	1320			1		1820
Canopy Type Weight net	KG	1320	1320	1320			1340	1340	1340	1340	1820
Engine Medel		4B2 0 C1	4B2 0 C1	4D2 0 C4	Engine Sp		4DT2.0.C1	4DT2 0 C2	4DTA2 0 C2	4DTA2 0 C2	CRITE O C1
Engine Model	KW	4B3.9-G1 24	4B3.9-G1 24	4B3.9-G1 24	4B3.9-G1 24	4B3.9-G2 24	4BT3.9-G1 36	4BT3.9-G2 36	4BTA3.9-G2 50	4BTA3.9-G2 50	6BT5.9-G1 92
Prime power	LVV	24	24	24		Cylinders,inlin		30	30	50	6 Cylinders,inline
Structure		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel type Fuel consumption	L/Hour	6.4	6.4	6.4	6.4	6.4	9.3	9.3	9.3	9.3	22
	L/Hour	0.032	0.032	0.032	0.032	0.032	0.0465	0.0465	0.0465	0.0465	0.11
Lubricant consumption	L/Houl	Mechanical					Mechanical	Mechanical	Mechanical	Mechanical	Electrical
Governer			Mechanical Water	Mechanical	Mechanical Water	Mechanical Water	Water	Water	Water	Water	Water
Coolling	1	Water		Water							16.4
Lubricant capacity	L 0 / i.e	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	
Air intake flow	m3/min		1.96	1.96	1.96	1.96	2.6	2.6	2.6	2.6	6
Exhaust gas flow	m /min3	4.05	4.05	4.05	4.05	4.05	6	6	6	6	15
Exhaust gas temperature	00		550	550	550	550	550	550	550	550	591
Exhaust gas back pressure	Kpa	10	10	10	10	10	10	10	10	10	10
Compression ratio		16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	17.5
Aspiration		Natural	Natural	Natural	Natural	Natural	400		Furbochargerin		400
Bore	mm	102	102	102	102	102	102	102	102	102	102
Stroke	mm	120	120	120	120	120	120	120	120	120	120
Displacement	Ц	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	5.9
SAE	1 -1 4 (+1 1 /	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5
Dimension		765×582×908	765×582×908	765×582×908	765×582×908		765×582×908	765×582×908		765×582×908	996×711×992
	, ,										200
Net weight	KG	308	308	308	308	308	308	308	308	308	399
Net weight	, ,				Alternator S	Specification					
Net weight Model (STAMFORD)	KG	PI044F	PI044G	PI144D	Alternator S PI144E	Specification PI144F	PI144J	PI144J	UCI224	UCI224E	UCI224F
Net weight Model (STAMFORD) Prime power	, ,	PI044F 10	PI044G 12	PI144D 16	Alternator S PI144E 20	PI144F 22	PI144J 32	PI144J 32	UCI224 D40	UCI224E 48	UCI224F 58
Net weight Model (STAMFORD) Prime power Model(FARRAND)	KVA	PI044F 10 164C	PI044G 12 164D	PI144D 16 184ES	Alternator \$ PI144E 20 184E	Specification PI144F 22 184F	PI144J 32 184J	PI144J 32 184J	UCI224 D40 224D	UCI224E 48 224E	UCI224F 58 224G
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power	KG	PI044F 10 164C 10.8	PI044G 12 164D 12.8	PI144D 16 184ES 16	Alternator \$ PI144E 20 184E 20	PI144F 22 184F 22	PI144J 32 184J 30	PI144J 32 184J 30	UCI224 D40 224D 40	UCI224E 48 224E 48	UCI224F 58 224G 58
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure	KVA	PI044F 10 164C 10.8 1 Bearing	PI044G 12 164D 12.8 1 Bearing	PI144D 16 184ES 16 1 Bearing	Alternator S PI144E 20 184E 20 1 Bearing	PI144F 22 184F 22 1 Bearing	PI144J 32 184J 30 1 Bearing	PI144J 32 184J 30 1 Bearing	UCI224 D40 224D 40 1 Bearing	UCI224E 48 224E 48 1 Bearing	UCI224F 58 224G 58 1 Bearing
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model	KVA	PI044F 10 164C 10.8 1 Bearing Self-excitation	PI044G 12 164D 12.8 1 Bearing Self-excitation	PI144D 16 184ES 16 1 Bearing Self-excitation	Alternator S PI144E 20 184E 20 1 Bearing Self-excitation	PI144F 22 184F 22 1 Bearing Self-excitation	PI144J 32 184J 30 1 Bearing Self-excitation	PI144J 32 184J 30 1 Bearing Self-excitation	UCI224 D40 224D 40 1 Bearing Self-excitation	UCI224E 48 224E 48 1 Bearing Self-excitation	UCI224F 58 224G 58 1 Bearing Self-excitation
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure	KVA	PI044F 10 164C 10.8 1 Bearing Self-excitation	PI044G 12 164D 12.8 1 Bearing Self-excitation	PI144D 16 184ES 16 1 Bearing Self-excitation	Alternator S PI144E 20 184E 20 1 Bearing Self-excitation	PI144F 22 184F 22 1 Bearing Self-excitation	PI144J 32 184J 30 1 Bearing Self-excitation	PI144J 32 184J 30 1 Bearing Self-excitation H	UCI224 D40 224D 40 1 Bearing Self-excitation	UCI224E 48 224E 48 1 Bearing Self-excitation	UCI224F 58 224G 58 1 Bearing Self-excitation
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model	KVA	PI044F 10 164C 10.8 1 Bearing Self-excitation H IP23	PI044G 12 164D 12.8 1 Bearing Self-excitation H IP23	PI144D 16 184ES 16 1 Bearing Self-excitation H IP23	Alternator S PI144E 20 184E 20 1 Bearing Self-excitation H IP23	Pl144F 22 184F 22 1 Bearing Self-excitation H IP23	PI144J 32 184J 30 1 Bearing Self-excitation H IP23	PI144J 32 184J 30 1 Bearing Self-excitation H IP23	UCI224 D40 224D 40 1 Bearing Self-excitation H IP23	UCI224E 48 224E 48 1 Bearing Self-excitation H IP23	UCI224F 58 224G 58 1 Bearing Self-excitation H IP23
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class	KVA	PI044F 10 164C 10.8 1 Bearing Self-excitation	PI044G 12 164D 12.8 1 Bearing Self-excitation H IP23 <50	PI144D 16 184ES 16 1 Bearing Self-excitation H IP23 <50	Alternator S PI144E 20 184E 20 1 Bearing Self-excitation H IP23 <50	Pecification PI144F 22 184F 22 1 Bearing Self-excitation H IP23 <50	PI144J 32 184J 30 1 Bearing Self-excitation H IP23 <50	PI144J 32 184J 30 1 Bearing Self-excitation H IP23 <50	UCI224 D40 224D 40 1 Bearing Self-excitation H IP23 <50	UCI224E 48 224E 48 1 Bearing Self-excitation H IP23 <50	UCI224F 58 224G 58 1 Bearing Self-excitation
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class Protection class TIF THF	KVA	PI044F 10 164C 10.8 1 Bearing Self-excitation H IP23	PI044G 12 164D 12.8 1 Bearing Self-excitation H IP23 <50 <2%	PI144D 16 184ES 16 1 Bearing Self-excitation H IP23 <50 <2%	Alternator S PI144E 20 184E 20 1 Bearing Self-excitation H IP23	Pl144F 22 184F 22 1 Bearing Self-excitation H IP23	PI144J 32 184J 30 1 Bearing Self-excitation H IP23	PI144J 32 184J 30 1 Bearing Self-excitation H IP23	UCI224 D40 224D 40 1 Bearing Self-excitation H IP23	UCI224E 48 224E 48 1 Bearing Self-excitation H IP23	UCI224F 58 224G 58 1 Bearing Self-excitation H IP23 <50 <2%
Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class Protection class	KVA	PI044F 10 164C 10.8 1 Bearing Self-excitation H IP23 <50 <2%	PI044G 12 164D 12.8 1 Bearing Self-excitation H IP23 <50	PI144D 16 184ES 16 1 Bearing Self-excitation H IP23 <50	Alternator S PI144E 20 184E 20 1 Bearing Self-excitation H IP23 <50	Pecification PI144F 22 184F 22 1 Bearing Self-excitation H IP23 <50	PI144J 32 184J 30 1 Bearing Self-excitation H IP23 <50	PI144J 32 184J 30 1 Bearing Self-excitation H IP23 <50	UCI224 D40 224D 40 1 Bearing Self-excitation H IP23 <50	UCI224E 48 224E 48 1 Bearing Self-excitation H IP23 <50	UCI224F 58 224G 58 1 Bearing Self-excitation H IP23 <50

CUMMINS Series 50HZ 1Phase 13~1523KVA

			50Hz	Single Phase	Cummins Seri	es Diesel Gen	set Specification	ons			
Model		SDG64DC	SDG67DC	SDG67DC	SDG80DC	SDG80DC	SDG91DC	SDG106DC/		SDG146DC	SDG160DC/
	, ,	/DCS SDG64DCS	/DCS SDG67DCS	/DCS SDG67DCS	/DCS SDG80DCS	/DCS SDG80DCS	/DCS SDG91DCS	DCS SDG106DCS	DCS SDG127DCS	/DCS SDG146DCS	DCS SDG160DCS
Reference Model (Op	en type)	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C	/50/1/F/C
Reference Model (Sile	ent type)	SDG64DCS /50/1/F/C	SDG67DCS /50/1/F/C	SDG67DCS /50/1/F/C	SDG80DCS /50/1/F/C	SDG80DCS /50/1/F/C	SDG91DCS /50/1/F/C	SDG106DCS /50/1/F/C	SDG127DCS /50/1/F/C	SDG146DCS /50/1/F/C	SDG160DCS /50/1/F/C
Reference Model (Op	en type)	SDG64DCS /50/1/S/C	SDG67DCS /50/1/S/C	SDG67DCS /50/1/S/C	SDG80DCS 50/1/S/C	SDG80DCS /50/1/S/C	SDG91DCS /50/1/S/C	SDG106DCS /50/1/S/C	SDG127DCS /50/1/S/C	SDG146DCS /50/1/S/C	SDG160DCS /50/1/S/C
Reference Model (Sile	ent type)	SDG64DCS	SDG67DCS	SDG67DCS	SDG80DCS	SDG80DCS	SDG91DCS	SDG106DCS	SDG127DCS	SDG146DCS	SDG160DCS
Prime Power	KVA	/50/1/S/C 64	/50/1/S/C 67	/50/1/S/C 67	/50/1/S/C 80	/50/1/S/C 80	/50/1/S/C 91	/50/1/S/C 106	/50/1/S/C 127	/50/1/S/C 146	/50/1/S/C 160
Time Fower	KW	64	67	67	80	80	91	106	127	146	160
Standby Power	KVA	70	74	74	88	88	100	116	140	160	176
,	KW	70	74	74	88	88	100	116	140	160	176
Power Factor		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	230	230	230	230	230	230	230	230	230	230
Rate Current	А	278.3	291.3	291.3	347.8	347.8	395.7	460.9	552.2	634.8	695.7
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	II-NT MRS 10	II-NT MRS 10	II-NT MRS 10				
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	110	110	110	110	160	160	160
Coolant Capacity	L	32.9	32.9	32.9	32.9	32.9	34.4	34.4	41.3	41.3	41.3
Base Fueltank Capacity	L	245	245	245	245	245	245	245	375	375	375
Fuel Consumption	L/Hours	22	22	22	22	22	22	30	40	40	51.4
Running Time	Hours	11	11	11	11	11	11	8	9	9	7
Sound @ 7 meter	Db	72	72	72	72	72	72	72	72	72	72
Open Type product size	. ,			2350×1000×1480							
Open Type Weight net	KG		1300	1300	1300	1300	1450	1550	1820	1820	1860
Canopy Type product size	` '										
Canopy Type Weight net	KG	1820	1820	1820	1820	1820	1970	2080	2450	2450	2480
Engine Medel		6BT5.9-G2	6BT5.9-G1	6BT5.9-G2	6BT5.9-G1	ecifications 6BT5.9-G2	SPTAE 0 C2	SPTAAS O CO	6CTA8.3-G2	6CTA9 2 C2	6CTAA8.3-G2
Engine Model Prime power	KW	92	92	92	92	92	110	120	163	163	183
Structure	1744	32	32	32	32	-	ers,inline	120	103	103	100
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	22	22	22	22	22	22	30	40	40	51.4
Lubricant consumption	L/Hour	0.11	0.11	0.11	0.11	0.11	0.11	0.15	0.2	0.2	0.257
Governer		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	16.4	16.4	16.4	16.4	16.4	16.4	16.4	23.8	23.8	23.8
Air intake flow	m3/min	6	6	6	6	6	8	8	11	11	11
Exhaust gas flow	m /min3	15	15	15	15	15	17	17	31	31	31
Exhaust gas temperature	OC	591	591	591	591	591	591	591	591	591	591
Exhaust gas back pressure	Кра	10	10	10	10	10	10	10	10	10	10
Compression ratio		17.5	17.5	17.5	17.5	17.5	17.5	16	17	17	17.1
Aspiration						Turboch	argering				
Bore	mm	102	102	102	102	102	102	102	114	114	114
Stroke	mm	120	120	120	120	120	120	120	135	135	135
Displacement	L	5.9	5.9	5.9	5.9	5.9	5.9	5.9	8.3	8.3	8.3
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	2/11.5	2/11.5	2/11.5
Dimension	, ,	996×711×992	996×711×992	996×711×992	996×711×992	996×711×992	996×711×992		1128×740×1084		
Net weight	KG	399	399	399	399	399	399	399	587	587	587
Madal (OTANICOES)		11010017	11010010	110100:0		Specification	11010715	110107.5	110107.1	11010710	110103
Model (STAMFORD)	10.0	UCI224F	UCI224G	UCI224G	UCI274C	UCI274C	UCI274D	UCI274E	UCI274F	UCI274G	UCI274H
Prime power	KVA	58	68	68	80	80	96	112	145.6	145.6	160
Model(FARRAND)	17\ /A	224G	224G	224G	274C	274C	274D	DG274E	274F	274H	274H
Prime power	KVA		68	1 Pooring	1 Pooring	1 Pooring	100	112	128	160	160
Structure Excitation model		1 Bearing	1 Bearing	1 Bearing	1 Bearing Self-excitation	1 Bearing Self-excitation	1 Bearing Self-excitation				
Excitation model				Self-excitation					1		
Insulation class		H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23
Protection class TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s		0.216	0.216	0.514	0.514	0.514	0.514	0.514	0.514	0.514
AVR Model	1113/5	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440	AS440
Y W I V IVIOUGI		70440	A0440	A0440	A0440	A0440	A0440	A0440	A0440	A0440	A0440



		5011	FI DI 0	· 0 · D:				
		SDG13DC	z Three Phase Cun SDG15DC	nmins Series Diese SDG20DC	Genset Specificati SDG25DC	ons SDG25DC	SDG40DC	SDG40DC
Model		/DCS	/DCS	/DCS	/DCS	/DCS	/DCS	/DCS
Reference Model (Ope	n tyne)	SDG13DC	SDG15DC	SDG20DC	SDG25DC	SDG25DC	SDG40DC	SDG40DC
rtololollo Model (ope	11 (3) (2)	/50/3/F/C SDG13DCS	/50/3/F/C SDG15DCS	/50/3/F/C SDG20DCS	/50/3/F/C SDG25DCS	/50/3/F/C SDG25DCS	/50/3/F/C SDG40DCS	/50/3/F/C SDG40DCS
Reference Model (Siler	nt type)	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C
Reference Model (Ope	n tyne)	SDG13DC	SDG15DC	SDG20DC	SDG25DC	SDG25DC	SDG40DC	SDG40DC
Ttoloronoo Wodol (opo	11 (900)	/50/3/S/C SDG13DCS	/50/3/S/C SDG15DCS	/50/3/S/C SDG20DCS	/50/3/S/C SDG25DCS	/50/3/S/C SDG25DCS	/50/3/S/C SDG40DCS	/50/3/S/C SDG40DCS
Reference Model (Siler	nt type)	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Prime Power	KVA		15	20	25	25	40	40
	KW	10	12	16	20	20	32	32
Standby Power	KVA	14	16	23	28	28	44	44
	KW	11	13	18	22	22	35	35
Power Factor		8.0	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ		50	50	50	50	50	50
Rate Voltage	V		400/230	400/230	400/230	400/230	400/230	400/230
Rate Current Controlller	А	18.8 ComAp IL9	21.7 ComAp IL9	28.9 ComAp IL9	36.1 ComAp IL9	36.1 ComAp IL9	57.7 ComAp IL9	57.7 ComAp IL9
Control Voltage	V		DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH		110	110	110	110	110	110
Coolant Capacity	, «, ·		19.2	19.2	19.2	19.2	19.2	19.2
Base Fueltank								
Capacity		180	180	180	180	180	180	180
Fuel Consumption	L/Hours		6.4	6.4	6.4	6.4	9.3	9.3
Running Time	Hours		28	28	28	28	19	19
Sound @ 7 meter Open Type product	Db		70	70	70	70	70	70
size	L*W*H(mm)	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331	1850×900×1331
Open Type Weight net	KG	840	840	840	840	840	860	860
Canopy Type product size	L*W*H(mm)	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500	2500×950×1500
Canopy Type Weight	KG	1320	1320	1320	1320	1320	1340	1340
net				Engine Specification	ons			
Engine Model		4B3.9-G1	4B3.9-G1	4B3.9-G1	4B3.9-G1	4B3.9-G2	4BT3.9-G1	4BT3.9-G2
Prime power	KW		24	24	24	24	36	36
Ctruoturo								
Structure		4 Cylinders,inline		4 Cylinders,inline	4 Cylinders,inline		4 Cylinders,inline	4 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel type Fuel consumption	L/Hour	Diesel 6.4	Diesel 6.4	Diesel 6.4	Diesel 6.4	Diesel 6.4	Diesel 9.3	Diesel 9.3
Fuel type Fuel consumption Lubricant consumption	L/Hour L/Hour	Diesel 6.4 0.032	Diesel 6.4 0.032	Diesel 6.4 0.032	Diesel 6.4 0.032	Diesel 6.4 0.032	Diesel 9.3 0.0465	Diesel 9.3 0.0465
Fuel type Fuel consumption Lubricant consumption Governer		Diesel 6.4 0.032 Mechanical	Diesel 6.4 0.032 Mechanical	Diesel 6.4 0.032 Mechanical	Diesel 6.4 0.032 Mechanical	Diesel 6.4 0.032 Mechanical	Diesel 9.3 0.0465 Mechanical	Diesel 9.3 0.0465 Mechanical
Fuel type Fuel consumption Lubricant consumption Governer Coolling	L/Hour	Diesel 6.4 0.032 Mechanical Water	Diesel 6.4 0.032 Mechanical Water	Diesel 6.4 0.032 Mechanical Water	Diesel 6.4 0.032 Mechanical Water	Diesel 6.4 0.032 Mechanical Water	9.3 0.0465 Mechanical Water	9.3 0.0465 Mechanical Water
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity	L/Hour L	Diesel 6.4 0.032 Mechanical Water 10.9	Diesel 6.4 0.032 Mechanical Water 10.9	Diesel 6.4 0.032 Mechanical Water 10.9	Diesel 6.4 0.032 Mechanical Water 10.9	Diesel 6.4 0.032 Mechanical Water 10.9	Diesel 9.3 0.0465 Mechanical Water 10.9	Diesel 9.3 0.0465 Mechanical Water 10.9
Fuel type Fuel consumption Lubricant consumption Governer Coolling	L/Hour	Diesel 6.4 0.032 Mechanical Water 10.9	Diesel 6.4 0.032 Mechanical Water	Diesel 6.4 0.032 Mechanical Water	Diesel 6.4 0.032 Mechanical Water	Diesel 6.4 0.032 Mechanical Water	9.3 0.0465 Mechanical Water	9.3 0.0465 Mechanical Water
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow	L/Hour L m³/min m /min³	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow temperature	L/Hour L m³/min	Diesel 6.4 0.032 Mechanical Water 10.9 1.96	Diesel 6.4 0.032 Mechanical Water 10.9 1.96	Diesel 6.4 0.032 Mechanical Water 10.9 1.96	Diesel 6.4 0.032 Mechanical Water 10.9 1.96	Diesel 6.4 0.032 Mechanical Water 10.9 1.96	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back	L/Hour L m³/min m /min³	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow temperature	L/Hour L m³/min m /min³ OC	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure	L/Hour L m³/min m /min³ OC	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio	L/Hour L m³/min m /min³ OC	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke	L/Hour L m³/min m /min³ OC Kpa mm	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement	L/Hour L m³/min m /min³ OC Kpa mm	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE	L/Hour m³/min m /min³ OC Kpa mm mm	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm)	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE	L/Hour m³/min m /min³ OC Kpa mm mm	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm)	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm)	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifica	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD)	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm)	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifical	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm)	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L 10 164C 10.8	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifical S0L2-G 16	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 184E 20	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M 20 184E 20	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm) KG	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L 10 164C 10.8 1 Bearing	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8 1 Bearing	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifical SOL2-G 16 184ES 16 1 Bearing	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 184E 20 1 Bearing	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M 20 184E 20 1 Bearing	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm) KG	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 S0L1-L 10 164C 10.8 1 Bearing Self-excitation	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8 1 Bearing Self-excitation	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifical SOL.2-G 16 184ES 16 1 Bearing Self-excitation	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 1 Bearing Self-excitation	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 S0L2-M 20 184E 20 1 Bearing Self-excitation	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm) KG	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L 10 164C 10.8 1 Bearing Self-excitation H	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8 1 Bearing Self-excitation H	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifica 50L2-G 16 184ES 16 1 Bearing Self-excitation H	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 1 Bearing Self-excitation H	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M 20 184E 20 1 Bearing Self-excitation H	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class Protection class	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm) KG	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L 10 164C 10.8 1 Bearing Self-excitation H	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8 1 Bearing Self-excitation H	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifica Sol.2-G 16 184ES 16 1 Bearing Self-excitation H IP23	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 1 Bearing Self-excitation H IP23	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M 20 184E 20 1 Bearing Self-excitation H	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class Protection class TIF	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm) KG	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L 10 164C 10.8 1 Bearing Self-excitation H IP23 <50	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8 1 Bearing Self-excitation H IP23 <50	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifical SOL2-G 16 184ES 16 1 Bearing Self-excitation H IP23 <50	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 184E 20 1 Bearing Self-excitation H IP23 <50	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M 20 184E 20 1 Bearing Self-excitation H IP23 <50	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H IP23 <50	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H IP23 <50
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class Protection class TIF THF	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm) KG KW	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L 10 164C 10.8 1 Bearing Self-excitation H IP23 <50 <2%	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8 1 Bearing Self-excitation H IP23 <50 <2%	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifica SOL2-G 16 184ES 16 1 Bearing Self-excitation H IP23 <50 <2%	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 184E 20 1 Bearing Self-excitation H IP23 <50 <2%	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M 20 184E 20 1 Bearing Self-excitation H IP23 <50 <2%	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H IP23 <50 <2%	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H IP23 <50 <2%
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model(FARRAND) Prime power Structure Excitation model Insulation class Protection class TIF	L/Hour L m³/min m /min³ OC Kpa mm mm L L*W*H(mm) KG	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-L 10 164C 10.8 1 Bearing Self-excitation H IP23 <50 <2%	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL1-P 12 164D 12.8 1 Bearing Self-excitation H IP23 <50	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 Alternator Specifical SOL2-G 16 184ES 16 1 Bearing Self-excitation H IP23 <50	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 tion SOL2-M 20 184E 20 1 Bearing Self-excitation H IP23 <50	Diesel 6.4 0.032 Mechanical Water 10.9 1.96 4.05 550 10 16.5 Natural 102 120 3.9 3/11.5 765×582×908 308 SOL2-M 20 184E 20 1 Bearing Self-excitation H IP23 <50	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H IP23 <50	Diesel 9.3 0.0465 Mechanical Water 10.9 2.6 6 550 10 16.5 Turbochargering 102 120 3.9 3/11.5 765×582×908 308 S1L2-K 32 184J 30 1 Bearing Self-excitation H IP23 <50

CUMMINS Series 50HZ 3Phase 25~1523KVA

		50H	z Three Phase Cur	nmins Series Diese	l Genset Specificati	ons		
Madal		SDG50DC	SDG60DC	SDG80DC	SDG80DC	SDG83.75DC	SDG83.75DC	SDG100DC
Model		/DCS	/DCS	/DCS	/DCS	/DCS	/DCS	/DCS
Reference Model (Ope	n type)	SDG50DC	SDG60DC	SDG80DC	SDG80DC	SDG83.75DC	SDG83.75DC	SDG100DC
		/50/3/F/C SDG50DCS	/50/3/F/C SDG60DCS	/50/3/F/C SDG80DCS	/50/3/F/C SDG80DCS	/50/3/F/C SDG83.75DCS	/50/3/F/C SDG83.75DCS	/50/3/F/C SDG100DCS
Reference Model (Siler	nt type)	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C
Reference Model (Ope	n type)	SDG50DC	SDG60DC	SDG80DC	SDG80DC	SDG83.75DC	SDG83.75DC	SDG100DC
rtororios moder (ope	(3 0)	/50/3/S/C SDG50DCS	/50/3/S/C SDG60DCS	/50/3/S/C SDG80DCS	/50/3/S/C SDG80DCS	/50/3/S/C SDG83.75DCS	/50/3/S/C SDG83.75DCS	/50/3/S/C SDG100DCS
Reference Model (Siler	nt type)	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Prime Power	KVA	50	60	80	80	84	84	100
	KW	40	48	64	64	67	67	80
Standby Power	KVA	55	66	88	88	93	93	110
	KW	44	53	70	70	74	74	88
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50
Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Rate Current	А	72.2	86.6	115.5	115.5	121.2	121.2	144.3
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	110	110	110	110	110	110	110
Coolant Capacity	L	19.2	19.2	32.9	32.9	32.9	32.9	32.9
Base Fueltank	L	180	180	245	245	245	245	245
Capacity Fuel Consumption	L/Hours	9.3	9.3	22	22	22	22	22
Running Time	L/Hours Hours	9.3	9.3	11	11	11	11	11
Sound @ 7 meter	Db	71	71	72	72	72	72	72
Open Type product								
size	L*W*H(mm)	1850×900×1331	1850×900×1331	2350×1000×1480	2350×1000×1480	2350×1000×1480	2350×1000×1480	2350×1000×1480
Open Type Weight net	KG	860	860	1300	1300	1300	1300	1300
Canopy Type product	L*W*H(mm)	2500×950×1500	2500×950×1500	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700	3400×1000×1700
size Canopy Type Weight	, ,							
net	KG	1340	1340	1820	1820	1820	1820	1820
				Engine Specification	ons			
Engine Model		4BTA3.9-G2	4BTA3.9-G2	6BT5.9-G1	6BT5.9-G2	6BT5.9-G1	6BT5.9-G2	6BT5.9-G1
Prime power	KW	50	50	92	92	92	92	92
Structure		4 Cylinders,inline	4 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	9.3	9.3	22	22	22	22	22
Lubricant consumption	L/Hour	0.0465	0.0465	0.11	0.11	0.11	0.11	0.11
Governer		Mechanical	Mechanical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	10.9	10.9	16.4	16.4	16.4	16.4	16.4
Air intake flow	m³/min	2.6	2.6	6	6	6	6	6
Exhaust gas flow	m /min³	6	6	15	15	15	15	15
Exhaust gas temperature	oc	550	550	591	591	591	591	591
Exhaust gas back	l/n-	10	10	10	10	10	10	10
pressure	Кра		10	10	10			
Compression ratio		16.5	16.5	17.5	17.5	17.5	17.5	17.5
Aspiration		Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering	Turbochargering
Bore	mm	102	102	102	102	102	102	102
Stroke	mm	120	120	120	120	120	120	120
Displacement	L	3.9	3.9	5.9	5.9	5.9	5.9	5.9
SAE	1 418/41 1	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5
Dimension	L*W*H(mm)	765×582×908	765×582×908	996×711×992	996×711×992	996×711×992	996×711×992	996×711×992
Net weight	KG	308	308	399	399	399	399	399
Model (STAMEODE)		C41.0 D		Alternator Specifica		11010040	11010040	11010740
Model (STAMFORD)	KW	S1L2-R 40	S1L2-Y 50	UCI224F	UCI224F	UCI224G	UCI224G	UCI274C
Prime power	KVV	224D	224E	58 224G	58 224G	68 224G	68 224G	80 274C
Model(EADDAND)	KW	40	48	58	58	68	68	80
Model(FARRAND)		40	40		1 Bearing		1 Bearing	
Prime power	TVV	1 Postina	1 Dooring			1 Bearing	L DESIDO	1 Bearing
Prime power Structure	KVV	1 Bearing	1 Bearing	1 Bearing		Solf-ovoitation		Salf avaitation
Prime power Structure Excitation model	IXVV	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Prime power Structure Excitation model Insulation class	TXVV	Self-excitation H	Self-excitation H	Self-excitation H	Self-excitation H	Н	Self-excitation H	Н
Prime power Structure Excitation model Insulation class Protection class	IXV	Self-excitation H IP23	Self-excitation H IP23	Self-excitation H IP23	Self-excitation H IP23	H IP23	Self-excitation H IP23	H IP23
Prime power Structure Excitation model Insulation class Protection class	IXVV	Self-excitation H IP23 <50	H IP23 <50	Self-excitation H IP23 <50	H IP23 <50			
Prime power Structure Excitation model Insulation class Protection class TIF THF		Self-excitation H IP23 <50 <2%	H IP23 <50 <2%	Self-excitation H IP23 <50 <2%	H IP23 <50 <2%			
Prime power Structure Excitation model Insulation class Protection class	m³/s	Self-excitation H IP23 <50	H IP23 <50	Self-excitation H IP23 <50	H IP23 <50			



Model Mode	
Self-mone Model (Open type)	SDG228DC
Neterance Model (Upen type)	/DCS
Reference Model (Silent type)	SDG228DC
Reference Model (Sent type)	/50/3/F/C SDG228DCS
Reference Model (Open type)	/50/3/F/C
Reference Model (Silent type)	SDG228DC
Reserved Nodes (Silent type)	/50/3/S/C SDG228DCS
Prime Power	/50/3/S/C
Sandty Power KVA	228
New Factor	182
Power Factor NZ S0 S0 S0 S0 S0 S0 S0 S	251
Fequency	201
Rate Voltage	0.8
Rate Current	50
Control Voiller	400/230
Control Vollage	329.1
Battery Capacity	ComAp IL9
Coolant Capacity L 32.9 34.4 34.4 41.3 41.3 41.3 41.3 41.8 Ease Fuelants Capacity L 245 245 245 375	DC24V
Base Fueltank Capacity	240
Capacity	41.1
Capacity Lift-ours 22 22 30 40 40 51.4	505
Running Time	53
Sound @ 7 meter	
Depart type product size L*W*H(mm) 2350×1000×1480 2350×1000×1480 2350×1000×1442 2550×1150×1560	10
Size C. W. Filling C. Stock C. W. Filling C. Stock C.	
Depart Type Weight net KG 1300	2550×1150×1708
Size	2150
Size	3900×1300×2020
Engine Model 6 BT5.9-G2 6 BTA5.9-G2 6 CTA8.3-G2	0300**1000**2020
Engine Model	2810
Engine Model	
Structure 6 Cylinders,inline Cylingers C	6LTAA8G2
Fuel type Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Fuel consumption L/Hour 22 22 30 40 40 51.4 51.4 40 40 51.4 40 51.4 40 40 51.4 40 51.4 40 40 40 40 51.4 40 40 40 40 40 40 40 40 40 40 40 40 40	220
Fuel consumption L/Hour 22 22 30 40 40 51.4	6 Cylinders,inline
Lubricant consumption L/Hour 0.11 0.11 0.15 0.2 0.2 0.257	Diesel
Electrical 23.	53
Water Water Water Water Water Water Water Water Water Ubricant capacity L 16.4 16.4 16.4 16.4 23.8 23	0.265
Lubricant capacity L 16.4 16.4 16.4 23.8 23.8 23.8 Air intake flow m³/min 6 8 8 11 11 11 11 Exhaust gas flow m /min³ 15 17 17 31 31 31 31 Exhaust gas flow OC 591 592 592 593 593 593	Electrical
Air intake flow m³/min 6 8 8 11 11 11 11 Exhaust gas flow m /min³ 15 17 17 31 31 31 31 Exhaust gas back pressure Co 591 592 592 592 593 593 593 593 593 593 593 593 593 593 593 593 593 593 593	Water
Exhaust gas flow m /min³ 15 17 17 31 31 31 31 Exhaust gas temperature OC 591 5	27.6
Exhaust gas temperature	23
temperature UC 591	52
Exhaust gas back pressure Kpa 10 17 17.1	591
Turbochargering	10
Aspiration Turbochargering	
Bore mm 102 102 102 114 114 114 114 Stroke mm 120 120 120 135 135 135 Displacement L 5.9 5.9 5.9 8.3 8.3 8.3 SAE 3/11.5 3/11.5 3/11.5 2/11.5 2/11.5 2/11.5 Dimension L*W*H(mm) 996×711×992 996×711×992 1128×740×1084 1128×128×10×1084 <td>18.1</td>	18.1
Stroke mm 120 120 120 135 135 135 Displacement L 5.9 5.9 5.9 8.3 8.3 8.3 SAE 3/11.5 3/11.5 3/11.5 2/11.5 2/11.5 2/11.5 Dimension L*W*H(mm) 996×711×992 996×711×992 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 11 Net weight KG 399 399 399 587 587 587 Alternator Specification Alternator Specification Wollder Specification Model (STAMFORD) UCI274C UCI274D UCI274E UCI274F UCI274G UCI274H Prime power KW 80 96 112 145.6 145.6 160 Model(FARRAND)	Turbochargering
Displacement L 5.9 5.9 5.9 8.3 8.3 8.3 SAE 3/11.5 3/11.5 3/11.5 2/11.5 2/11.5 2/11.5 Dimension L*W*H(mm) 996×711×992 996×711×992 1128×740×1084 1128×1084 1128×1084 1128×1084 1128×1084 1128×1084 1128×1084 1128×1084 1128×1084 1128×1084 1128×1084 1128×1084	114
SAE 3/11.5 3/11.5 3/11.5 3/11.5 2/11.5 2/11.5 2/11.5 2/11.5 Dimension L*W*H(mm) 996×711×992 996×711×992 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×740×1084 1128×145 145.6 </td <td>135</td>	135
Dimension L*W*H(mm) 996×711×992 996×711×992 996×711×992 1128×740×1084 128 128 128 128 128 128 145.6 1	8.9
Net weight KG 399 399 399 587 587 587 Alternator Specification Model (STAMFORD) UCI274C UCI274D UCI274E UCI274F UCI274G UCI274H Prime power KW 80 96 112 145.6 145.6 160 Model(FARRAND) 274C 274D DG274E 274F 274H 274H Prime power KW 80 100 112 128 160 160 Structure 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing Excitation model Self-excitation Self-excitation Self-excitation Self-excitation Self-excitation	2/11.5 1129×743×1171
Alternator Specification Model (STAMFORD) UCI274C UCI274D UCI274E UCI274F UCI274G UCI274H Prime power KW 80 96 112 145.6 145.6 160 Model(FARRAND) 274C 274D DG274E 274F 274H 274H Prime power KW 80 100 112 128 160 160 Structure 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing Excitation model Self-excitation Self-excitation Self-excitation Self-excitation Self-excitation	702
Model (STAMFORD) UCI274C UCI274D UCI274E UCI274F UCI274G UCI274H Prime power KW 80 96 112 145.6 145.6 160 Model(FARRAND) 274C 274D DG274E 274F 274H 274H Prime power KW 80 100 112 128 160 160 Structure 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing Excitation model Self-excitation Self-excitation Self-excitation Self-excitation Self-excitation	102
Prime power KW 80 96 112 145.6 145.6 160 Model(FARRAND) 274C 274D DG274E 274F 274H 274H Prime power KW 80 100 112 128 160 160 Structure 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing Excitation model Self-excitation Self-excitation Self-excitation Self-excitation Self-excitation	UCDI274J
Model(FARRAND) 274C 274D DG274E 274F 274H 274H Prime power KW 80 100 112 128 160 160 Structure 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing Excitation model Self-excitation Self-excitation Self-excitation Self-excitation Self-excitation	180
Prime power KW 80 100 112 128 160 160 Structure 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing Excitation model Self-excitation Self-excitation Self-excitation Self-excitation Self-excitation	DG274J
Structure 1 Bearing 2 Bearing 1 Bearing 2 Bearing 2 Bearing 3 Bearing 3 Bearing 4 Bearing 4 Bearing 5 Bearing 5 Bearing 6 Bearing 6 Bearing 6 Bearing 7 Bearing 7 Bearing 8 Bearing 1 Bearing <t< td=""><td>180</td></t<>	180
Excitation model Self-excitation Self-excitati	1 Bearing
	Self-excitation
Protection class IP23 IP23 IP23 IP23 IP23 IP23 IP23	Н
TIF	H IP23
THF	IP23
Air flow m³/s 0.514 0.514 0.514 0.514 0.514 0.514	
AVR Model AS440 AS440 AS440 AS440 AS440 AS440 AS440	IP23 <50

CUMMINS Series 50HZ 3Phase 25~1523KVA

Model SD0259DC S			50H	z Three Phase Cun	nmins Series Diese	l Genset Specificati	ons		
Reference Model (Open type)	Model		SDG250DC	SDG295DC	SDG328DC	SDG350DC	SDG375DC		SDG455DC
	Wiodel								/DCS SDG455DC
Reference Model (Silent type)	Reference Model (Oper	n type)							/50/3/F/C
Reference Model (Open type)	Reference Model (Siler	nt type)							SDG455DCS
	,	,, ,							/50/3/F/C SDG455DC
Profuse Prof	Reference Model (Oper	n type)							/50/3/S/C
Prime Proper FVN Subset Proper PVN Proper PVN	Reference Model (Siler	nt type)							SDG455DCS
Standby Power	`	*							/50/3/S/C
Sandby Power KWA 275 325 380 385 4113 450 505 50 616 6	Fillile Fowei								
New Feator	Standby Power								500
Frequency	, , , , , , , , , , , , , , , , , , , ,								400
Rate Voltage	Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8
Rate Current	Frequency	HZ	50	50	50	50	50	50	50
Control Voltage	Rate Voltage	V	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Doctor D		Α							656.8
Battery Capacity				<u> </u>	<u>'</u>				ComAp IL9
Decided Capacity L									DC24V
Base Fueltank									240
Capacity	. ,	L							
Fuel Consumption		L	505	505	505	700	700	700	850
Sound @ 7 meter Db Depending Properties L*W*H(min) 2550*1150*1708 2550*1150*15080 2550*1150*15080 2950*1150*1978 2967*1150	-	L/Hours	53	56	69	72	86	108	97
Depart Type product L*W*H(mm 2550×1150×1708 2550×1150×1560 2550×1150×1560 2967×1150×1978 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 2967×1150×1978 3400×1688 3450 3750 3250 3310 3450 3	Running Time			9	7	10	8	6	9
Size Canopy Type Weight net KG 2150 2550 2550 2550 3250 3310 3450 3750 3310 3450 3750 3250 3250 3310 3450 3750 325		Db							
Open Type Weight net		L*W*H(mm)	2550×1150×1708	2550×1150×1560	2550×1150×1560	2967×1150×1978	2967×1150×1978	2967×1150×1978	3400×1680×2055
Canopy Type product Canopy Type product Canopy Type Weight KG 2810 3150 3250 4130 4330 4530 4888 4888 4885 485		KG	2150	2550	2650	3250	3310	3450	3750
Size	. , ,								
Page		L VV 11(111111)	3900^1300^2020	3900^1300^2020	3900^1300^2020	4300^1403^2103	4300^1403^2103	4300^1403^2103	3030 ~ 1030 ~ 2473
Engine Model		KG	2810	3150	3250	4130	4330	4530	4880
Prime power KW 220 292 292 313 343 366 405 365 365 405 365					Engine Specification	ons			
Structure 6 Cylinders,inline	0								KTA19-G3
Fuel type Diesel Picture Aug Diesel Die Diesel Diesel Diesel Die Diesel	-	KW							
Fuel consumption L/Hour 53 56 69 72 86 108 97 2 20 20 20 20 22 28 30 28 20 28 20 28 20 28 20 28 20 28 20 28 20 28 20 20									6 Cylinders,inline
Lubricant consumption L/Hour 0.265 0.28 0.345 0.36 0.43 0.54 0.48		L/Hour							
Electrical Ele									0.485
Water University Uni		Erriodi							Electrical
Air intake flow m³/min 23 20 20 22 28 30 29 Exhaust gas flow m /min³ 52 48 48 50 59 60 81 Exhaust gas gas deck temperature OC 591 525 525 485 485 485 52 Exhaust gas back pressure Kpa 10									Water
Exhaust gas flow	Lubricant capacity	L	27.6	36.7	36.7	38.6	38.6	38.6	50
Exhaust gas temperature temperature between temperature temperature between temperature temperature between temperature temperature between temper	Air intake flow	m³/min	23	20	20	22	28	30	29
temperature UC 591 525 525 465 485 465 524 Exhaust gas back pressure Kpa 10 </td <td></td> <td>m /min³</td> <td>52</td> <td>48</td> <td>48</td> <td>50</td> <td>59</td> <td>60</td> <td>81</td>		m /min³	52	48	48	50	59	60	81
Exhaust gas back pressure Kpa 10 20 20 20 20 20 20 20 20 20 20 20 20 20 11 <th< td=""><td></td><td>oc</td><td>591</td><td>525</td><td>525</td><td>485</td><td>485</td><td>485</td><td>524</td></th<>		oc	591	525	525	485	485	485	524
Department		14	40	40	40	40	40	40	40
Aspiration Turbochargering 1552 Tip23 1152 152	_	Кра							
Bore mm 114 125 125 140 140 140 140 150									13.9
Stroke									Turbochargering
Displacement									159
SAE 2/11.5 114<									
Dimension									
Net weight KG 702 973 973 1315 1345 1410 185 185 1410 185 185 1410 185 185 1410 185 185 1410 185 185 1410 185 185 1410 185 185 1410 185 185 1410 185 185 1410 185 185 1410 185 1410 185 185 185 1410 185 185 185 185 1410 185		L*W*H(mm)							2141×1067×1733
Model (STAMFORD)		. ,							1855
Prime power KW 200 240 280 280 320 400 400 Model(FARRAND) 274K 444D 444EL 444EL 444F 544C 544 Prime power KW 200 240 260 280 304 400 360 Structure 1 Bearing 1 Bearing<					Alternator Specifica	tion			
Model(FARRAND) 274K 444D 444EL 444EL 444F 544C 544C Prime power KW 200 240 260 280 304 400 360 Structure 1 Bearing 1 Bearin									HCI554C
Prime power KW 200 240 260 280 304 400 360 Structure 1 Bearing 1 Bearing <td< td=""><td>· .</td><td>KW</td><td></td><td></td><td></td><td></td><td></td><td></td><td>400</td></td<>	· .	KW							400
Structure 1 Bearing 1 Bearing <t< td=""><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>544C</td></t<>	,								544C
Excitation model Self-excitation Self-exci		KW							360
Insulation class									1 Bearing Self-excitation
Protection class IP23									
TIF <50 <50 <50 <50 <50 <50 <50 THF <2%									IP23
THF <2% <2% <2% <2% <2% <2% <2% <2% <2% <2%									<50
									<2%
	Air flow	m³/s		0.8	0.8	0.8	0.8	1.035	1.035
AVR Model AS440 AS440 AS440 AS440 AS440 AS440 AS440 AS4	AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440



Size Carropy Type Weight KG 430 660 660 660 670 75			501	tz Single Phase Pe	arkins Sarias Diasal	Genset Specification	one		
	Model							SDG16P/PS	SDG22P/PS
Reference Model (Sient Imperiment SOCIPSESTUFIC SOCIETY		an tyne)							
Reference Model (Chest type)									
Reference Mode (Silvent type)	· ·								
Pime Power		* . ,							
Semanthy Prover	,	*							
Sandby Power KVA 0	Prime Power								
New Flactor	Ctandhu Dawar		·				_		
Power Factor	Standby Power								
Froquency	Dawar Fastar	r.vv							
Rate Outleage		LIZ	***						
Rate Current									
Control Visions Control Vi		-							
Dentrol Vollage		A							
Battery Capacity			<u> </u>						·
Coolant Capacity L 5.2 6.0 6.0 6.0 7.0 7.0 7.0 7.0		•							
Base Floriblank									
Capacity	. ,	L	5.2	6.0	6.0	6.0	7.0	7.0	7.0
Fuel Consumption Lifebours 2.6 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.8 6.9 6.9 70 70 70 70 750 7		Ц	78	78	78	78	78	78	78
Running Time		I /Hours	2.6	6.8	6.8	6.8	5.4	5.4	7 1
Sourd Q7 Treiter	·								
Open Type product L*W*H(mm) 1560×900×980 1560×900×91120 1550×900×1120 1550×900×1120 1550×900×1120 1550×900×1120 1550×900×1120 1560×900×900 1550×900×1120 1560×900×900 1550×900×1120 1560×900×900 1550×900×1120 1560×900×900 1560×900×900 1550×900×1120 1560×900×900 1550×900×1120 1560×900×900 1550×900×1120 1560×900×900 1560									
Canopy Type product L*W*H(mm) 1950×900×1120 1950×900×1		L*W*H(mm)	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980	1560×900×980
Size C-W-Fi(min 1950-900-1720 1950-900	Open Type Weight net	KG	305	400	400	420	530	530	530
Size		L*W*H(mm)	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120	1950×900×1120
No.		()	1000 000 1120	1000 000 1120	1000 000 1120	1000 000 1120	1000 000 1120	1000 000 1120	1000 000 1120
Prime power		KG	430	650	650	670	750	750	750
Prime power KW 10					Engine Specification	ons			
Structure 3 Cylinders, inline 3 Cylinders, inline 2 Cylinders, inline 3 Cylinders, inline 4 Cylind			403D-11G	403D-15G	403A-15G1	403A-15G2	404D-22G	404A-22G1	404D-22TG
Structure 3 Cylinders,inline 3 Cylinders,inline 3 Cylinders,inline 4 Cylinders,inline 4 Cylinders,inline 4 Cylinders,inline 5 Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Diesel Dies	Prime power	KW	10	14	14	15	21	21	28
Fuel consumption L/Hour 2.6 6.8 6.8 6.8 6.8 5.4 5.4 7.1			3 Cylinders,inline	3 Cylinders,inline	3 Cylinders,inline	3 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline
Lubricant consumption L/Hour consumption 0.013 0.034 0.034 0.034 0.027 0.0270 0.0355 Governer Mechanical Mechanical Mechanical Coolling Mechanical Water Mechanical Water Mechanical Water Mechanical Water Mechanical Water Mechanical Water Water	Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Lubricant consumption L/Hour consumption 0.013 0.034 0.034 0.034 0.027 0.0270 0.0355 Governer Mechanical Mechanical Mechanical Coolling Mechanical Water Mechanical Water Mechanical Water Mechanical Water Mechanical Water Mechanical Water Water	Fuel consumption	L/Hour	2.6	6.8	6.8	6.8	5.4	5.4	7.1
Consumption Mechanical Me	Lubricant	I /Hour	0.013	0.034	0.034	0.034	0.027	0.0270	0.0355
Coolling	•	L/I Ioui							
Lubricant capacity L 4.9 6.0 6.0 6.0 10.6 10.6 10.6 Air intake flow m /min3 0.70 1.10 1.10 1.10 1.50 1.5 1.5 Exhaust gas flow m /min3 1.60 2.70 2.70 3.60 5.70 6 6 6 Exhaust gas back pressure CC 368 445 445 445 445 445 445 Compression ratio 23.0<									
Air intake flow m /min3 0.70 1.10 1.10 1.10 1.50 1.5 1.5 Exhaust gas flow m /min3 1.60 2.70 2.70 3.60 5.70 6 6 6 Exhaust gas gas flow temperature OC 368 445	0								
Exhaust gas flow m /min3 1.60 2.70 2.70 3.60 5.70 6 6 Exhaust gas ack pressure OC 368 445	. ,	L							
Exhaust gas temperature between temperature temperature between temperature temperatur		m /min3		-	-			_	-
temperature OC 308 445 4723 123 123 123 123 123 123 123 23.0		m /min3	1.60	2.70	2.70	3.60	5.70	6	6
Exhaust gas back pressure Kpa 10 23.0 <		ОС	368	445	445	445	445	445	445
Designation Compression ratio Compressio									
Natural Natural natural Natural Natural Natural Natural Natural Natural Natural Natural Natura		Kpa	10	10	10	10	10	10	10
Bore			23.0	23.0	23.0	23.0	23.0	23.0	23.0
Stroke mm 81 90 90 90 100 100 100 Displacement L 1.1 1.5 1.5 1.5 2.2 2.2 2.2 SAE 5/6.5 4/7.5 4/7.5 4/7.5 4/7.5 4/7.5 4/7.5 Dimension L*W*H(mm) 770×450×450 770×450×450 770×450×450 915×480×840 </td <td>Aspiration</td> <td></td> <td>Natural</td> <td>Natural</td> <td>Natural</td> <td>Natural</td> <td>Natural</td> <td>Natural</td> <td>Turbochargering</td>	Aspiration		Natural	Natural	Natural	Natural	Natural	Natural	Turbochargering
Displacement	Bore	mm	77	84	84	84	84	84	84
SAE 5/6.5 4/7.5 4	Stroke	mm	81	90	90	90	100	100	100
Dimension	Displacement	L	1.1	1.5	1.5	1.5	2.2	2.2	2.2
Dimension	SAE		5/6.5	4/7.5	4/7.5	4/7.5	4/7.5	4/7.5	4/7.5
Model (STAMFORD) SOL1-J SOL1-S SOL1-S Pl044G SOL2-K SOL2-K Pl144F	Dimension	L*W*H(mm)	770×450×450	770×450×450	770×450×450	770×450×450	915×480×840	915×480×840	915×480×840
Model (STAMFORD) SOL1-J SOL1-S SOL1-S PI044G SOL2-K SOL2-K PI144F Prime power KW 8 10.8 10.8 12 16 16 22 Model (FARRAND) 164C 164D 164D 184ES 184E 184E 184F Prime power KW 9.0 10.0 10 14 16 16 22 Structure 1 Bearing 1 Bearing <td>Net weight</td> <td>KG</td> <td>129</td> <td>129</td> <td>129</td> <td>129</td> <td>240</td> <td>240</td> <td>240</td>	Net weight	KG	129	129	129	129	240	240	240
Model (STAMFORD) SOL1-J SOL1-S SOL1-S PI044G SOL2-K SOL2-K PI144F Prime power KW 8 10.8 10.8 12 16 16 22 Model (FARRAND) 164C 164D 164D 184ES 184E 184E 184F Prime power KW 9.0 10.0 10 14 16 16 22 Structure 1 Bearing 1 Bearing <td></td> <td></td> <td></td> <td></td> <td>Alternator Specifica</td> <td>ition</td> <td></td> <td></td> <td></td>					Alternator Specifica	ition			
Prime power KW 8 10.8 10.8 12 16 16 22 Model (FARRAND) 164C 164D 164D 184ES 184E 184E 184F Prime power KW 9.0 10.0 10 14 16 16 22 Structure 1 Bearing	Model (STAMFORD)		S0L1-J				S0L2-K	S0L2-K	PI144F
Prime power KW 9.0 10.0 10 14 16 16 22 Structure 1 Bearing 1 B	Prime power	KW	8	10.8	10.8	12	16	16	22
Prime power KW 9.0 10.0 10 14 16 16 22 Structure 1 Bearing 1 B	Model (FARRAND)		164C	164D	164D	184ES	184E	184E	184F
Structure 1 Bearing 2 Bearing 2 Bearing 1 Bearing 1 Bearing 1 Bearing 1 Bearing 2 Bearing 1 Bearing 1 Bearing 1 Bearing 2 Bearing <t< td=""><td>` /</td><td>KW</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	` /	KW							
Excitation model Self-excitation Self-exci									
Insulation class									Self-excitation
Protection class IP23									
TIF <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <50 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
THF <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <2% <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Air flow m3/s 0.071 0.071 0.071 0.071 0.071 0.071 0.071									
		m3/s							
AVD MODEL AS440 AS440 AS440 AS440 AS440 AS440 AS440 AS440	AVR Model	1110/3	AS440	AS440	AS440	AS440	AS440	AS440	AS440

PERKINS Series 50HZ 1Phase 10~2250KVA



			50Hz Single Phase	Perkins Series Dies	sel Genset Specifica	ations		
Model		SDG24P/PS	SDG36P/PS	SDG48P/PS	SDG52P/PS	SDG64P/PS	SDG80P/PS	SDG108P/PS
Reference Model (Ope	en type)	SDG24P/50/1/F/C	SDG36P/50/1/F/C	SDG48P/50/1/F/C	SDG52P/50/1/F/C	SDG64P/50/1/F/C	SDG80P/50/1/F/C	SDG108P/50/1/F/C
Reference Model (Sile	71 /	SDG24PS/50/1/F/C	SDG36PS/50/1/F/C	SDG48PS/50/1/F/C	SDG52PS/50/1/F/C	SDG64PS/50/1/F/C	SDG80PS/50/1/F/C	SDG108PS/50/1/F/C
Reference Model (Ope		SDG24P/50/1/S/C	SDG36P/50/1/S/C	SDG48P/50/1/S/C	SDG52P/50/1/S/C	SDG64P/50/1/S/C	SDG80P/50/1/S/C	SDG108P/50/1/S/C
Reference Model (Sile		SDG24PS/50/1/S/C	SDG36PS/50/1/S/C	SDG48PS/50/1/S/C	SDG52PS/50/1/S/C	SDG64PS/50/1/S/C	SDG80PS/50/1/S/C	SDG108PS/50/1/S/C
Prime Power	KVA	24	36	48	52	64	80	108
i fillie i owei	KW	24	36	48	52	64	80	108
Standby Power	KVA	26	40	53	57	70	88	119
Stariuby Fower	KW	26	40	53	57	70	88	119
Power Factor	rvv	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	HZ	50	50	50	50	50	50	50
Frequency	V V		230		230		230	230
Rate Voltage	A	230 104.3	156.5	230	226.1	230 278.3	347.8	469.6
Rate Current	А							
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC24V
Battery Capacity	AH	50×1	50×1	50×1	50×1	50×1	80×1	80×2
Coolant Capacity	L	10.2	10.2	10.2	13.0	13.0	27.0	37.0
Base Fueltank Capacity	L	78	93	93	180	180	245	375
Fuel Consumption	L/Hours	7.1	10.7	14	15	19	20	30
Running Time	Hours	11	9	7	12	10	12	13
Sound @ 7 meter	Db	72	72	72	72	72	72	72
Open Type product								
size	L*W*H(mm)	1560×900×980	1810×950×1020	1810×950×1020	1995×950×1360	1995×950×1360	2395×1000×1410	2550×1150×1560
Open Type Weight net	KG	610	650	650	820	820	1040	1455
Canopy Type product size	L*W*H(mm)	1950×900×1120	2200×950×1250	2200×950×1250	2500×950×1520	2500×950×1520	3400×1000×1700	3650×1150×1920
Canopy Type Weight	KG	820	890	890	1250	1250	1500	2020
net				Engine Specifica	ations			
		1103A-33G	1103A-33TG1	1103A-33TG2	1104A-44TG1	1104A-44TG2	1104C-44TAG2	1106A-70TG1
Prime power	KW		47	60	66	72	103	140
Structure	IXVV	3 Cylinders,inline	3 Cylinders,inline	3 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	4 Cylinders,inline	6 Cylinders,inline
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	7.1	10.7	14	15	19	19	41
Lubricant								
consumption	L/Hour	0.0355	0.0535	0.07	0.07	0.09	0.09	0.21
Governer		Electrical	Mechanical	Electrical	Mechanical	Mechanical	Mechanical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	8.3	7.0	7.0	8.0	8.0	8.0	16.5
Air intake flow	m /min3	2.1	2.9	4	4	5	5	12
Exhaust gas flow	m /min3	6	6	6	10	10	10	29
Exhaust gas temperature	ОС	500	492	557	515	555	555	580
Exhaust gas back	Kpa	8	8	8	8	8	8	8
pressure	1		10.0		10.0			16.0
Compression ratio		19.0	19.0	19.0	19.0	19.0	19.0 Turbochargering	16.0 Turbo chargering
Aspiration		Natural	Turbochargering	Turbochargering	Turbochargering	Turbochargering	intercooled	intercooled
Bore	mm	105	105	105	105	105	105	105
Stroke	mm	127	127	227	127	127	127	135
Displacement	L	3.3	3.3	3.3	4.4	4.4	4.4	7.0
SAE		3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	3/11.5	2/11.5
Dimension	L*W*H(mm)	1029×630×950	1029×630×950	1029×630×950	1240×630×950	1240×630×950	1240×630×950	1680×770×1065
Net weight	KG	430	430	430	485	485	485	630
				Alternator Specif				
Model (STAMFORD)		S1L2-K	UCI224E	UCI224F	UCI224G	UCI274C	UCI274E	UCI274E
Prime power	KW	27	40	50	60	66	94	112
Model (FARRAND)		184G	224E	224F	224G	274C	274E	274E
Prime power	KW	24	40	50	60	66	94	112
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
Insulation class		H	Н	Н	Н	Н	Н	Н
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50
THF	0.1	<2%	<2%	<2%	<2%	<2%	<2%	<2%
Air flow	m3/s	0.071	0.071	0.071	0.071	0.071	0.071	0.071
AVR Model		AS440	AS440	AS440	AS440	AS440	AS440	AS440



			50H:	z Three Phase	Parkins Saria	s Diesel Gense	at Specification	ie.			
Model		SDG10P/PS	SDG10P/PS	SDG13P/PS	SDG13P/PS	SDG15P/PS	SDG20P/PS	SDG20P/PS	SDG28P/PS	SDG30P/PS	SDG45P/PS
		SDG10P	SDG10P	SDG13P	SDG13P	SDG15P	SDG20P	SDG20P	SDG28P	SDG30P	SDG45P
Reference Model (Ope	en type)	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C
Reference Model (Silent type)		SDG10PS	SDG10PS	SDG13PS	SDG13PS	SDG15PS	SDG20PS	SDG20PS	SDG28PS	SDG30PS/	SDG45PS
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		/50/3/F/C SDG10P	/50/3/F/C SDG10P	/50/3/F/C SDG13P	/50/3/F/C SDG13P	/50/3/F/C SDG15P	/50/3/F/C SDG20P	/50/3/F/C SDG20P	/50/3/F/C SDG28P	50/3/F/C SDG30P	/50/3/F/C SDG45P
Reference Model (Ope	en type)	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Reference Model (Sile	ant type)	SDG10PS	SDG10PS	SDG13PS	SDG13PS	SDG15PS	SDG20PS	SDG20PS	SDG28PS	SDG30PS	SDG45PS
,	J. /	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Prime Power	KVA		10	13	13	15	20	20	28	30	45
	KW	8	8	10	10	12	16	16	22	24	36
Standby Power	KVA	9	9	11	11	13	18	18	24	26	40
	KW	9	9	11	11	13	18	18	24	26	40
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	400230	400230	400230	400230	400230	400230	400230	400230	400230	400230
Rate Current	A	14.4	14.4	18.0	18.0	21.7	28.9	28.9	39.7	43.3	65.0
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V
Battery Capacity	AH	36×1	36×1	50×1	50×1	50×1	50×1	50×1	50×1	50×1	50×1
Coolant Capacity	L	5.2	5.2	6.0	6.0	6.0	7.0	7.0	7.0	10.2	10.2
Base Fueltank Capacity	L	78	78	78	78	78	78	78	78	78	93
Fuel Consumption	L/Hours	2.6	2.6	6.8	6.8	6.8	5.4	5.4	7.1	7.1	11
Running Time	Hours		30	11	11	11	14	14	11	11	9
Sound @ 7 meter	Db		68	68	68	68	68	68	70	72	72
Open Type product size		1560×900×980	1560×900×980	1560×900×980	1560×900×980		1560×900×980	1560×900×980	1560×900×980		1810×950×1020
Open Type Weight net	KG		305	400	400	420	530	530	530	610	650
Canopy Type product size							1950×900×1120		1950×900×1120		
	KG		430	650	650	670	750	750	750	820	890
Canopy Type Weight net	NG.	430	430	030		ecifications	730	750	730	620	690
		403D-11G	403A-11G1	403D-15G	403A-15G1	403A-15G2	404D-22G	404A-22G1	404D-22TG	1103A-33G	1103A-33TG1
Prime power	KW	8	8	12	12	14	18	18	25	28	41
Structure											
Ott dotate						3 Cylinde	ers.inline				
		Diesel	Diesel	Diesel	Diesel	3 Cylinde Diesel		Diesel	Diesel	Diesel	Diesel
Fuel type	L/Hour	Diesel 2.6	Diesel 2.6	Diesel 6.8	Diesel 6.8	3 Cylindo Diesel 6.8	Diesel		Diesel 7.1	Diesel 7.1	Diesel 11
Fuel type Fuel consumption		2.6	2.6	6.8	6.8	Diesel 6.8	Diesel 5.4	5.4	7.1	7.1	11
Fuel type Fuel consumption Lubricant consumption	L/Hour L/Hour				6.8 0.034	Diesel	Diesel		7.1 0.0355	7.1 0.0355	11 0.05
Fuel type Fuel consumption Lubricant consumption Governer		2.6 0.013	2.6 0.013	6.8 0.034	6.8 0.034 Mechanical	Diesel 6.8 0.034	5.4 0.0270	5.4 0.0270	7.1 0.0355 Mechanical	7.1 0.0355 Electrical	11 0.05 Mechanical
Fuel type Fuel consumption Lubricant consumption Governer Coolling		2.6 0.013 Water	2.6 0.013 Water	6.8 0.034 Water	6.8 0.034 Mechanical Water	Diesel 6.8 0.034 Water	Diesel 5.4 0.0270 Water	5.4 0.0270 Water	7.1 0.0355 Mechanical Water	7.1 0.0355 Electrical Water	11 0.05 Mechanical Water
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity	L/Hour	2.6 0.013 Water 4.9	2.6 0.013 Water 4.9	6.8 0.034 Water 6.0	6.8 0.034 Mechanical Water 6.0	Diesel 6.8 0.034 Water 6.0	Diesel 5.4 0.0270 Water 10.6	5.4 0.0270 Water 10.6	7.1 0.0355 Mechanical Water 10.6	7.1 0.0355 Electrical Water 8.3	11 0.05 Mechanical Water 7.0
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow	L/Hour L m /min3	2.6 0.013 Water 4.9 0.70	2.6 0.013 Water 4.9 0.70	6.8 0.034 Water 6.0 1.10	6.8 0.034 Mechanical Water 6.0 1.10	Diesel 6.8 0.034 Water 6.0 1.10	Diesel 5.4 0.0270 Water 10.6 1.5	5.4 0.0270 Water 10.6 1.5	7.1 0.0355 Mechanical Water 10.6 1.5	7.1 0.0355 Electrical Water 8.3 2.1	11 0.05 Mechanical Water 7.0 3
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow	L/Hour L m /min3 m /min3	2.6 0.013 Water 4.9 0.70 1.60	2.6 0.013 Water 4.9 0.70 1.60	6.8 0.034 Water 6.0 1.10 2.70	6.8 0.034 Mechanical Water 6.0 1.10 2.70	Diesel 6.8 0.034 Water 6.0 1.10 3.60	Diesel 5.4 0.0270 Water 10.6 1.5 6	5.4 0.0270 Water 10.6 1.5 6	7.1 0.0355 Mechanical Water 10.6 1.5	7.1 0.0355 Electrical Water 8.3 2.1 6	11 0.05 Mechanical Water 7.0 3 6
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature	L/Hour L m /min3 m /min3	2.6 0.013 Water 4.9 0.70 1.60	2.6 0.013 Water 4.9 0.70 1.60 368	6.8 0.034 Water 6.0 1.10 2.70 445	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445	Diesel 5.4 0.0270 Water 10.6 1.5 6 445	5.4 0.0270 Water 10.6 1.5 6 445	7.1 0.0355 Mechanical Water 10.6 1.5 6 445	7.1 0.0355 Electrical Water 8.3 2.1 6 500	11 0.05 Mechanical Water 7.0 3 6 492
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure	L/Hour L m /min3 m /min3	2.6 0.013 Water 4.9 0.70 1.60 368 10	2.6 0.013 Water 4.9 0.70 1.60 368 10	6.8 0.034 Water 6.0 1.10 2.70 445	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10	5.4 0.0270 Water 10.6 1.5 6 445	7.1 0.0355 Mechanical Water 10.6 1.5 6 445	7.1 0.0355 Electrical Water 8.3 2.1 6 500	11 0.05 Mechanical Water 7.0 3 6 492 8
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio	L/Hour L m /min3 m /min3	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration	L/Hour L m /min3 m /min3 OC Kpa	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore	L/Hour L m /min3 m /min3 OC Kpa	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke	L/Hour L m /min3 m /min3 OC Kpa mmm	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement	L/Hour L m /min3 m /min3 OC Kpa	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE	L/Hour L m /min3 m /min3 OC Kpa mmm L	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm)	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE	L/Hour L m /min3 m /min3 OC Kpa mmm L	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm)	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$\frac{1}{2}\$	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD)	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm)	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm)	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND)	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10 164C	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm)	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10 164C 11	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10 164C	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure Excitation model	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 S0L1-L 10 164C 11 1 Bearing	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11 1 Bearing	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing Self-ex	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing citation	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22 1 Bearing	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24 1 Bearing	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40 1 Bearing
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure Excitation model Insulation class	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10 164C 11 1 Bearing	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11 1 Bearing	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing Self-ex	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing citation H	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22 1 Bearing	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24 1 Bearing	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40 1 Bearing
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure Excitation model Insulation class	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10 164C 11 1 Bearing H	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11 1 Bearing H	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing Self-ex H IP23	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing citation H IP23	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing H IP23	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22 1 Bearing H IP23	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24 1 Bearing H IP23	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40 1 Bearing H IP23
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure Excitation model Insulation class Protection class TIF	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H IP23 <50	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H IP23 <50	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 S0L1-L 10 164C 11 1 Bearing H IP23 <50	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11 1 Bearing H IP23 <50	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing Self-ex H IP23 <50	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing citation H IP23 <50	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing H IP23 <50	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22 1 Bearing H IP23 <50	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24 1 Bearing H IP23 <50	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40 1 Bearing H IP23 <50
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure Excitation model Insulation class	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10 164C 11 1 Bearing H	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11 1 Bearing H	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing Self-ex H IP23	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing citation H IP23	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing H IP23	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22 1 Bearing H IP23	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24 1 Bearing H IP23	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40 1 Bearing H IP23
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure Excitation model Insulation class Protection class TIF	L/Hour L m /min3 m /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H IP23 <50 <2%	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H IP23 <50	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 S0L1-L 10 164C 11 1 Bearing H IP23 <50	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11 1 Bearing H IP23 <50	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing Self-ex H IP23 <50	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing citation H IP23 <50	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing H IP23 <50	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22 1 Bearing H IP23 <50	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24 1 Bearing H IP23 <50	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40 1 Bearing H IP23 <50
Fuel type Fuel consumption Lubricant consumption Governer Coolling Lubricant capacity Air intake flow Exhaust gas flow Exhaust gas temperature Exhaust gas back pressure Compression ratio Aspiration Bore Stroke Displacement SAE Dimension Net weight Model (STAMFORD) Prime power Model (FARRAND) Prime power Structure Excitation model Insulation class Protection class TIF THF	L/Hour L m /min3 M /min3 OC Kpa mm mm L L*W*H(mm) KG	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H IP23 <50 <2%	2.6 0.013 Water 4.9 0.70 1.60 368 10 23.0 Natural 77 81 1.1 5/6.5 770×450×450 129 SOL1-H 8 164B 8.8 1 Bearing H IP23 <50 <2%	6.8 0.034 Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 SOL1-L 10 164C 11 1 Bearing H IP23 <50 <2%	6.8 0.034 Mechanical Water 6.0 1.10 2.70 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Alternator \$ SOL1-L 10 164C 11 1 Bearing H IP23 <50 <2%	Diesel 6.8 0.034 Water 6.0 1.10 3.60 445 10 23.0 Natural 84 90 1.5 4/7.5 770×450×450 129 Specification SOL1-P 12 164D 13 1 Bearing Self-ex H IP23 <50 <2%	Diesel 5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing citation H IP23 <50 <2%	5.4 0.0270 Water 10.6 1.5 6 445 10 23.0 Natural 84 100 2.2 4/7.5 915×480×840 240 SOL2-G 16 184ES 16 1 Bearing H IP23 <50 <2%	7.1 0.0355 Mechanical Water 10.6 1.5 6 445 10 23.0 Turbochargering 84 100 2.2 4/7.5 915×480×840 240 PI144F 22 184F 22 1 Bearing H IP23 <50 <2%	7.1 0.0355 Electrical Water 8.3 2.1 6 500 8 19.0 Natural 105 127 3.3 3/11.5 1029×630×950 430 SOL2-P 24 184G 24 1 Bearing H IP23 <50 <2%	11 0.05 Mechanical Water 7.0 3 6 492 8 19.0 Turbochargering 105 127 3.3 3/11.5 1029×630×950 430 S1L2-R 40 224D 40 1 Bearing H IP23 <50 <2%

PERKINS Series 50HZ 3Phase 10~2250KVA



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Model		SDG60P/PS	SDG65P/PS	SDG80P/PS			SDG150P/PS				
Reference Model (Op-	en type)	SDG60P /50/3/F/C	SDG65P /50/3/F/C	SDG80P /50/3/F/C	SDG100P /50/3/F/C	SDG135P /50/3/F/C	SDG150P /50/3/F/C	SDG180P /50/3/F/C	SDG200P /50/3/F/C	SDG230P /50/3/F/C	SDG250P /50/3/F/C
Deference Madel (Oile		SDG60PS	SDG65PS	SDG80PS	SDG100PS	SDG135PS	SDG150PS	SDG180PS	SDG200PS	SDG230PS	SDG250PS
Reference Model (Silent type) /50/3/F/C		/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	
Reference Model (Op	en type)	SDG60P	SDG65P	SDG80P	SDG100P	SDG135P	SDG150P	SDG180P	SDG200P	SDG230P	SDG250P
		/50/3/S/C SDG60PS	/50/3/S/C SDG65PS	/50/3/S/C SDG80PS	/50/3/S/C SDG100PS	50/3/S/C SDG135PS	/50/3/S/C SDG150PS	/50/3/S/C SDG180PS	/50/3/S/C SDG200PS	/50/3/S/C SDG230PS	/50/3/S/C SDG250PS
Reference Model (Sile	ent type)	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Prime Power	KVA	60	65	80	100	135	150	180	200	230	250
	KW	48	52	64	80	108	120	144	160	184	200
Standby Power	KVA	53	57	70	88	119	132	158	176	253	275
	KW	53	57	70	88	119	132	158	176	202	220
Power Factor		0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50	50	50
Rate Voltage	V	400230	400230	400230	400230	400230	400230	400230	400230	400230	400230
Rate Current	Α		93.8	115.5	144.3	194.9	216.5	259.8	288.7	324.8	360.9
Controlller		ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC12V	DC12V	DC12V	DC12V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH		50×1	50×1	80×1	80×2	80×2	120×2	120×2	120×2	120×2
Coolant Capacity		10.2	13.0	13.0	27.0	37.0	37.0	21.0	21.0	37.0	37.0
Base Fueltank Capacity		93	180	180	245	37.0	37.0	375	375	505	505
Fuel Consumption	L/Hours		15	19	243	30	41	41	45	53	55.6
Running Time	Hours		12	10	12	13	9	9	8	10	9
	Db		72	72	72	72	72	72	72	72	72
Sound @ 7 meter											
Open Type product size	, ,										2900×1300×1600
Open Type Weight net	KG		820	820	1040	1455	1455	1820	1910	2200	2250
Canopy Type product size	, ,										3900×1300×2020
Canopy Type Weight net	KG	890	1250	1250	1500	2020	2020	2350	2380	2780	2810
		1103A-33TG2	1104A-44TG1	110/A-//TG2		ecifications	1106A-70TAG2	1106A-70TAG3	1106A-70TAG4	1206A_E70TTAG2	1206A-E70TTAG3
Prime power	KW		58	72	94	127	140	169	183	206	226
Structure			4 Cylinders,inline								
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	14	15	19	19	41	41	41	45	53	55.6
Lubricant consumption	L/Hour	0.07	0.07	0.09	0.09	0.21	0.21	0.21	0.2	0.3	0.278
Governer	L/Tioui	Electrical	Mechanical	Mechanical	Mechanical	Electrical	Electrical	Electrical	Electrical	EFI pump	EFI pump
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	1	7.0	8.0	8.0	8.0	16.5	16.5	16.5	16.5	28.3	28.3
Air intake flow	m /min3		4	5	5	12	12	12	10.5	15	15
			10								40
Exhaust gas flow	m /min3			10	10	29	29	29	29	40	526
Exhaust gas temperature	OC		515	555	555	580	580	580	580	526	
Exhaust gas back pressure	Kpa		8	8	8	8	8	8	8	10	10
Compression ratio		19.0	19.0	19.0	19.0	16.0	16.0	16	16	16	16.0
Aspiration		405		argering	405	405	405		ing intercooled		440
Bore	mm	105	105	105	105	105	105	105	105	116	116
Stroke	mm		127	127	127	135	135	135	135	136	136
Displacement	L	3.3	4.4	4.4	4.4	7.0	7.0	7.0	7.0	8.7	8.7
SAE		3/11.5	3/11.5	3/11.5	3/11.5	2/11.5	2/11.5	2/11.5	2/11.5	2/11.5	2/11.5
Dimension	` '	1029×630×950	1240×630×950	1240×630×950	1240×630×950		1680×770×1065				
Net weight	KG	430	485	485	485	630	630	630	630	690	690
			1	ı		Specification	1	ı	ı		
Model (STAMFORD)		S1L2-Y	UCI224F	UCI224G	UCI274C	UCI274E	UCI274F	UCI274G	UCI274H	UCDI 274J	UCDI 274K
Prime power	KW		58	68	80	112	128	146	160	184	200
Model (FARRAND)		224E	224F	224G	274C	274E	274F	274G	274H	274J	274K
Prime power	KW	48	58	68	80	112	128	146	160	184	200
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model						Self-ex	citation				
Excitation model											
Insulation class		Н	Н	Н	Н	Н	Н	Н	Н	Н	Н
		H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23	H IP23
Insulation class											
Insulation class Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Insulation class Protection class TIF	m3/s	IP23 <50 <2%	IP23 <50	IP23 <50	IP23 <50	IP23 <50	IP23 <50	IP23 <50	IP23 <50	IP23 <50	IP23 <50
Insulation class Protection class TIF THF	m3/s	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%	IP23 <50 <2%



			50Hz	Three Phase Pe	erkins Series Die	sel Censet Sne	cifications			
Model		SDG300P/PS	SDG350P/PS	SDG400P/PS	SDG455P/PS		SDG591.25P/PS	SDG650P/PS	SDG750P/PS	SDG800P/PS
		SDG300P/50	SDG350P	SDG400P	SDG455P	SDG500P	SDG591.25P	SDG650P	SDG750P	SDG800P
Reference Model (C	. ,, ,	/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C
Reference Model (S	Silent	SDG300PS /50/3/F/C	SDG350PS /50/3/F/C	SDG400PS /50/3/F/C	SDG455PS /50/3/F/C	SDG500PS /50/3/F/C	SDG591.25PS /50/3/F/C	SDG650PS /50/3/F/C	SDG750PS /50/3/F/C	SDG800PS /50/3/F/C
type)		SDG300P	SDG350P	SDG400P	SDG455P	SDG500P	SDG591.25P	SDG650P	SDG750P	SDG800P
Reference Model (0	Open type)	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Reference Model (S	Silent	SDG300PS	SDG350PS	SDG400PS	SDG455PS	SDG500PS	SDG591.25PS	SDG650PS	SDG750PS	SDG800PS
type)	10.70	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Prime Power	KVA KW	300 240	350 280	400 320	455 364	500 400	591 473	650 520	750 600	800 640
Ctandby Daysar	KVA		385	440	501	550	650	715	825	880
Standby Power	KW		308	352	400	440	520	572	660	704
Power Factor	I NVV	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	HZ		50	50	50	50	50	50	50	50
Frequency Rate Voltage	V V		400230	400230	400230	400230	400230	400230	400230	400230
	A		505.2	577.4		721.7		938.2	1082.6	
Rate Current	A				656.8		866.1			1154.7
Controlller	V	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9					
Control Voltage			DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH		120×2	120×2	120×2	120×2	120×2	120×2	120×2	120×4
Coolant Capacity Base Fueltank	L	37.0	51.0	51	58	58.0	61.0	61.0	105	105
Capacity	L	750	750	750	900	900	900	900	NA	NA
Fuel Consumption	L/Hours	58	77	80	99	95	123	140	159	165
Running Time	Hours		10	9	9	10	7	6	NA	NA
Sound @ 7 meter	Db		72	72	72	72	72	72	72	72
Open Type product size	L*W*H(mm)	3257×1150×2124	3257×1150×2124	3257×1150×2124	3430×1540×2187	3430×1540×2187	3430×1540×2187	3430×1540×2187	4000×1800×2300	4000×1800×2300
Open Type Weight net	KG		3200	3200	3750	3980	4200	4500	4750	5100
							5022×1652×2475		ISO 20ft	ISO 20ft
Canopy Type Weight net	KG		3900	3900	4760	4980	5380	5700	NA	NA
					Engine Specific					
		1706A-E93TAG1	2206C-E13TAG2	2206C-E13TAG3	2506C-E15TAG1		2806C-E18TAG1A	2806C-E18TAG2	4006-23TAG2A	4006-23TAG3A
Prime power	KW		305	349	396	451	522	565	632	679
Structure		6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline	6 Cylinders,inline					
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Fuel consumption	L/Hour	58	77	80	99	95	123	140	159	165
Lubricant	L/Hour	0.290	0.385	0.40	0.495	0.48	0.62	0.70	0.795	0.825
consumption	L/Houl									
Governer		EFI pump	EFI pump	Electrical	Electrical					
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	36.0	40.0	40.0	62.0	62.0	62.0	62.0	80	74
Air intake flow	m /min3		32	32	38	38	38	38	64	42
Exhaust gas flow	m /min3	79	79	79	87	94	94	94	180	180
Exhaust gas temperature	oc	526	526	526	550	550	500	500	430	480
Exhaust gas back	17	10	40	40	40	40	40	40	_	
pressure	Kpa		10	10	10	10	10	10	5	5
Compression ratio		16.0	16.0	16.0	15.0	16	15	14.5	13.6	13.6
Aspiration						chargering inter	1			
Bore	mm		130	130	137	137	145	145	160	160
Stroke	mm		157	157	171	171	183	183	190	190
Displacement	L		12.5	12.5	15.2	15	18	18	22.9	22.9
SAE		2/11.5	114	114	0.5/14	0.5/14	18	18	18	18
Dimension	L*W*H(mm)	1960×1060×1350	1960×1060×1350	1960×1060×1350	2657×1120×1718	2657×1120×1718	2657×1120×1718	2657×1120×1718	3027×1706×1964	3027×1706×1964
Net weight	KG	800	800	800	1714	1714	1714	1714	2663	2663
					Alternator Spec	ification				
Model		S4L1S-D	S4L1S-E	S4L1S-F	HCI544C	HCI544C	HCI544E	HCI544F	HCI634G	HCI634G
(STAMFORD)	IZAZ		280		400					
Prime power	KW			320		400	488	536	648	648
Model (FARRAND)	10.41	444D	444E	444F	544C	544C	544E	544F	634B	634C
Prime power	KW		280	320	400	400	488	536	600	640
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing					
Excitation model		Self-excitation		Self-excitation	Self-excitation	Self-excitation		Self-excitation	Self-excitation	Self-excitation
Insulation class		Н	H	H	H	H	H	H	H	H
Protection class		IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50
THF		<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%	<2%
	0.1	0.071	0.074	0.4	0.4	0.4	0.1	0.074	0.074	0.074
Air flow AVR Model	m3/s	0.071 AS440	0.071 AS440	0.1 AS440	0.1 AS440	0.1 AS440	0.1 AS440	0.071 AS440	0.071 AS440	0.071 AS440

PERKINS Series 50HZ 3Phase 10~2250KVA



				- Tl Dl			:c t:			
Model		SDC000D/DS				esel Genset Spec		SDC1050D/DS	SDG3000B/BS	SDC3350D/DS
Model		SDG900P/PS SDG900P	SDG1022.5P/PS SDG1022.5P	SDG1250P/PS SDG1250P	SDG1350P/PS SDG1350P	SDG1500P/PS SDG1500P	SDG1710P/PS SDG1710P	SDG1850P/PS SDG1850P	SDG2000P/PS SDG2000P	SDG2250P/PS SDG2250P
Reference Model (C	Open type)	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C	/50/3/F/C
Reference Model (S	Silent	SDG900PS	SDG1022.5PS	SDG1250PS	SDG1350PS	SDG1500PS	SDG1710PS	SDG1850PS	SDG2000PS	SDG2250PS
type)		/50/3/F/C SDG900P	/50/3/F/C SDG1022.5P	/50/3/F/C SDG1250P	/50/3/F/C SDG1350P	/50/3/F/C SDG1500P	/50/3/F/C SDG1710P	/50/3/F/C SDG1850P	/50/3/F/C SDG2000P	/50/3/F/C SDG2250P
Reference Model (C	Open type)	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C	/50/3/S/C
Reference Model (S	Silent	SDG900PS	SDG1022.5PS	SDG1250PS	SDG1350PS	SDG1500PS	SDG1710PS	SDG1850PS	SDG2000PS	SDG2250PS
type) Prime Power	KVA	/50/3/S/C 900	/50/3/S/C 1023	/50/3/S/C 1250	/50/3/S/C 1350	/50/3/S/C 1500	/50/3/S/C 1710	/50/3/S/C 1850	/50/3/S/C 2000	/50/3/S/C 2250
Prime Power	KW	720	818	1000	1080	1200	1368	1480	1600	1800
Standby Power	KVA	990	1125	1375	1485	1650	1881	2035	2200	2475
Stariuby Fower	KW	792	900	1100	1188	1320	1505	1628	1760	1980
Power Factor	IXVV	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Frequency	HZ	50	50	50	50	50	50	50	50	50
Rate Voltage	V	400230	400230	400230	400230	400230	400230	400230	400230	400230
Rate Current	A	1299.1	1475.9	1804.3	1948.6	2165.1	2468.2	2670.3	2886.8	3247.7
Controlller	, ,	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9	ComAp IL9
Control Voltage	V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
Battery Capacity	AH	120×4	120×4	200×4	200×4	200×4	200×4	200×4	200×4	200×4
Coolant Capacity	L	105	105	240	240	240	240	316	316	316
Base Fueltank		NA	NA	NA	NA	NA	NA	NA	NA	NA
Capacity	<u> </u>									
Fuel Consumption	L/Hours		221.0	262	258	306	306	258	306	473
Running Time	Hours	NA 70	NA 70	NA 70	NA 70	NA 70	NA 70	NA 70	NA 70	NA 70
Sound @ 7 meter	Db	72	72	72	72	72	72	72	72	72
Open Type product size	, ,		4655×2050×2300	4800×1700×2550	4800×1700×2550	4800×1700×2550	4800×1700×2550	5650×2250×2900	5650×2250×2900	5650×2250×2900
Open Type Weight net	KG	7700	7900	9000	9000	9000	9000	12000	12000	15000
Canopy Type product size	, ,	ISO 20ft	ISO 20ft	ISO 40ft						
Canopy Type Weight net	KG	NA	NA	NA	NA Consist	NA	NA	NA	NA	NA
		4000TA C4 A	400074.004	4040 4CTW/COA	Engine Specific		4040 4674 604	4046TA C4 A	4046TA COA	4046 64TDC2
Duines a suusa	KW	4008TAG1A 767	4008TAG2A 861	4012-46TWG2A	4012-46TWG3A 1149	4012-46TAG2A 1267	4012-46TAG3A 1450	4016TAG1A 1558	4016TAG2A 1684	4016-61TRG3
Prime power Structure	KVV	8 Cylinders,inline		1053				16 Cylinders,V type		1875
Fuel type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	16 Cylinders,V type Diesel
Fuel consumption	L/Hour	194	221.0	262	258	306	306	258	306	473
Lubricant										
consumption	L/Hour	0.970	1.1050	1.31	1.290	1.53	1.530	1.290	1.530	2.365
Governer		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Coolling		Water	Water	Water	Water	Water	Water	Water	Water	Water
Lubricant capacity	L	166	166	NA	178	178	178	178	178	214
Air intake flow	m /min3	70	70	120	103	100	100	100	100	175
Exhaust gas flow	m /min3	183	200	315	350	350	350	343	387	490
Exhaust gas temperature	oc	480	480	422	474	500	500	500	500	500
Exhaust gas back	Kna	5	5	5	5	5	5	5	5	5
pressure	Кра									
Compression ratio		13.6	13.6	13.0	13.0	13.0	13.0	13.0	13.0	13.0
Aspiration		100	100	100	400	100	100	400	100	160
Bore	mm	160	160	160	160	160	160	160	160	160
Stroke	mm	190	190	190	190 45.8	190 45.8	190	190	190	190
Displacement SAE	L	31 18	30.6 18	45 18	45.8 18	45.8 18	46 18	45.8 18	45.8 18	61.0 18
	\\/\//mm\	3852×2046×2067	3852×2046×2067	3714×1978×2255	3714×1978×2255	3714×1978×2255	3714×1978×2255	3300×1723×2128	3300×1723×2128	3300×1723×2128
Net weight	KG		4320	5615	5615	5615	5615	5847	5847	5847
Not Weight	NG.	4020	4020	3013	Alternator Spec		3013	3047	3047	3047
Model		110:22	110:00 : :	110:00 :::	· ·		D:=0 (=	D:=0.4=	D:=0.1=	B.==
(STAMFORD)		HCI634H	HCI634J	HCI634K	PI734B	PI734C	PI734E	PI734E	PI734F	PI734H
Prime power	KW	752	824	1008	1120	1240	1368	1520	1664	1860
Model (FARRAND)		634D	634J	634G	734B	734C	734E	734E	734F	734H
Prime power	KW		818	1000	1120	1240	1368	1520	1664	1860
Structure		1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing	1 Bearing
Excitation model		Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation	Self-excitation
		Н	Н	Н	Н	Н	Н	Н	Н	Н
Insulation class					IDOO	IP23	IP23	IP23	IP23	IP23
Protection class		IP23	IP23	IP23	IP23					
Protection class TIF		<50	<50	<50	<50	<50	<50	<50	<50	<50
Protection class TIF THF		<50 <2%	<50 <2%	<50 <2%	<50 <2%	<50 <2%	<50 <2%	<50 <2%	<50 <2%	<50 <2%
Protection class TIF	m3/s	<50 <2%	<50	<50	<50	<50	<50	<50	<50	<50