



Specification Table

MODEL

ALTERNATOR

Rated Frequency (Hz)	50	60
Rated Output (KVA)	20	25
Max Output (KVA)	22	27.5
Rated Voltage (V)	230 / 400	240 / 416
Rated Rotation Speed (rpm)	1500	1800
Phase No	THREE PHASE	
Power Factor	0.8 (lag)	
Insulation Grade	H	
Pole Number	4	
Excitation Mode	Brushless Self-Excitation (AVR)	

: PO25SS3

Rated Frequency (Hz)	50	60
Rated Output (KVA)	20	25
Max Output (KVA)	22	27.5
Rated Voltage (V)	230 / 400	240 / 416
Rated Rotation Speed (rpm)	1500	1800
Phase No	THREE PHASE	
Power Factor	0.8 (lag)	
Insulation Grade	H	
Pole Number	4	
Excitation Mode	Brushless Self-Excitation (AVR)	

: PO45SS3

Rated Frequency (Hz)	50	60
Rated Output (KVA)	37	45
Max Output (KVA)	38.9	47.3
Rated Voltage (V)	230 / 400	240 / 416
Rated Rotation Speed (rpm)	1500	1800
Phase No	THREE PHASE	
Power Factor	0.8 (lag)	
Insulation Grade	H	
Pole Number	4	
Excitation Mode	Brushless Self-Excitation (AVR)	

: PO60SS3

Rated Frequency (Hz)	50	60
Rated Output (KVA)	50	60
Max Output (KVA)	55	66
Rated Voltage (V)	230 / 400	240 / 416
Rated Rotation Speed (rpm)	1500	1800
Phase No	THREE PHASE	
Power Factor	0.8 (lag)	
Insulation Grade	H	
Pole Number	4	
Excitation Mode	Brushless Self-Excitation (AVR)	

ENGINE

Engine Model	IS 4JB1	
Engine Type	Four-Cylinder, In-Lined, Four Stroke, Direct injection	
Rated Power [kw(Hp)/(r/min)]	23 2/1500	30 / 1800
Cooling System	Water Cooled	
Starting System	Electric Starter	
Lube Oil Brand	CD grade or SAE10w-30, 15w-40	
Capacity of Cooling Water (L)	10	
Lube Capacity (L)	8.5	
Battery Capacity	12v 120Ah	
Fuel Tank Capacity (L)	65L	
Fuel Consumption (L/h)	4.0	5.0

Engine Model	IS 4BD1	
Engine Type	Four-Cylinder, In-Lined, Four Stroke, Direct injection	
Rated Power [kw(Hp)/(r/min)]	40 2/1500	47 6/1800
Cooling System	Water Cooled	
Starting System	Electric Starter	
Lube Oil Brand	CD grade or SAE10w-30, 15w-40	
Capacity of Cooling Water (L)	30	
Lube Capacity (L)	11	
Battery Capacity	24v 120Ah	
Fuel Tank Capacity (L)	100L	
Fuel Consumption (L/h)	6.3	7.8

Engine Model	IS 4BD1-T	
Engine Type	Four-Cylinder, In-Lined, Four Stroke, Direct injection	
Rated Power [kw(Hp)/(r/min)]	49 /1500	58 /1800
Cooling System	Water Cooled	
Starting System	Electric Starter	
Lube Oil Brand	CD grade or SAE10w-30, 15w-40	
Capacity of Cooling Water (L)	30	
Lube Capacity (L)	11	
Battery Capacity	24v 120Ah	
Fuel Tank Capacity (L)	100L	
Fuel Consumption (L/h)	8.8	10.6

Engine Model	IS 4BD1-T	
Engine Type	Four-Cylinder, In-Lined, Four Stroke, Direct injection	
Rated Power [kw(Hp)/(r/min)]	49 /1500	58 /1800
Cooling System	Water Cooled	
Starting System	Electric Starter	
Lube Oil Brand	CD grade or SAE10w-30, 15w-40	
Capacity of Cooling Water (L)	30	
Lube Capacity (L)	11	
Battery Capacity	24v 120Ah	
Fuel Tank Capacity (L)	100L	
Fuel Consumption (L/h)	8.8	10.6

UNIT

Length (mm)	1850
Width (mm)	750
Height (mm)	1000
Dry Weigh (kg)	800

Length (mm)	2000
Width (mm)	880
Height (mm)	1250
Dry Weigh (kg)	1190

Length (mm)	2050
Width (mm)	880
Height (mm)	1250
Dry Weigh (kg)	1400

Length (mm)	2050
Width (mm)	880
Height (mm)	1250
Dry Weigh (kg)	1400

SOUND LEVEL

7m/db (A)1500/1800rpm)(min ⁻¹)	65db (A)
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7m/db (A)1500/1800rpm)(min ⁻¹)	65db (A)
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Safety shut down system for high water temperature and low lube oil pressure