



Marine Diesel Generator Set (AME50J-S)

Genset Model No. :	AME50J-S
Rated Frequency (HZ)	50
Prime Power (KVA/KW)	47.5 KVA / 38 KW
Standby Power (KVA/KW)	50 KVA / 40 KW
Rated Voltage (V)	400/230
Rated Current (A)	68.5
Rated Speed (R/MM)	1500
Dimension (L×W ×H) (mm)	1760 X 800 X 1050
Net Weight (kg)	729
Engine	
Engine Model	4E38T
Cylinder	Four strokes, vertical 4-cylinder , sea water cooling
Bore × Stroke (mm)	102 X 115
Total Displacement (L)	3.8
Engine Power (KW)	40
Coolant Capacity (Engine) (L)	13
Compression Ratio	17:5:1
Lubrication Method	Combined force-feed and splash lubrication
Lube Oil Level	Class CD or above, SAE 10W-30, 15W-40
Lube Oil Capacity (L)	12.5
Starting Method	12V Electric Start
Starter Motor Capacity (V-KW)	12V 3.5KW
Consumption Rate (g/KW.h)	225/230
Fuel tbinshe	Diesel: 0# (summer)-10# (winter)-35# (severe cold)
Combustion system	Direct injection
Alternator (100% Copper)	
Model	AME400STD3
Number of Poles	4
Phase	3
Exciting Type	Brushless, self-exciting constant Voltage (AVR)
Insulation grade	H
Power Factor (Cos θ)	0.8
Controller	
Controller	Smartgen4010