

SGT-650LW

Standby Power (kVA)	644
Standby Power (kW)	515,2
Prime Power (kVA)	583
Prime Power (kW)	466
Power Factor (cos phi)	0,8

Standby Current (A)	931
Prime Current (A)	842
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	LISTER PETTER
Engine Model	LP625EG2
Standby Power (Kw/hp)	520/697,3
Engine Speed (r.p.m)	1500
Total Displacement (L)	25,18
Cylinder Arrangement	6 - L
Bore x Stroke (mm x mm)	170 x 185
Compretn Ratio	14.5:1
Governor Type	ECU
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	75
Coolant Capacity (L)	140
Fuel Tank Capacity (L)	1200
Maximum Exhaust Gas Temperature (°C)	500
Maximum Exhaust Gas Flow (m3/h)	8340
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	648
Fuel Consumption at 50 % (L/h)	68
Fuel Consumption at 75 % (L/h)	94
Fuel Consumption at 100 % (L/h)	124
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 52 °C

Alternator Specifications

Alternator Brand	WEG
Alternator Model	315MI20AI
Frequency (Hz)	50
Nominal Power (kVA)	650
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 0,5%
Short Circuit Current	250% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	93,6
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1900
Length (mm)	3600
Height (mm)	2253
Weight (Kg)	4700
Fuel Tank Capacity (L)	1200

Starkgen reserves the right to introduce changes to models and features without prior notice

Canopy Type Dimensions and Weight

Width (mm)	1900
Length (mm)	5200
Height (mm)	3110
Weight (Kg)	6000
Fuel Tank Capacity (L)	1200



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