

SGT-820SW

Standby Power (kVA)	822
Standby Power (kW)	657,6
Prime Power (kVA)	744
Prime Power (kW)	595
Power Factor (cos phi)	0,8

Standby Current (A)	1188
Prime Current (A)	1075
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	SDEC
Engine Model	SC33W990D2
Standby Power (Kw/hp)	726/974
Engine Speed (r.p.m)	1500
Total Displacement (L)	32,8
Cylinder Arrangement	6 L
Bore x Stroke (mm x mm)	180 x 215
Compreion Ratio	15.0 : 1
Governor Type	Electronic
Aspiration System	Turbocharged-Intercooler
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	75
Coolant Capacity (L)	214
Fuel Tank Capacity (L)	1680
Maximum Exhaust Gas Temperature (°C)	680
Maximum Exhaust Gas Flow (m3/h)	9156
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	1249,2
Fuel Consumption at 50 % (L/h)	84,3
Fuel Consumption at 75 % (L/h)	123,9
Fuel Consumption at 100 % (L/h)	163,7
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Heavy Duty
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	WEG
Alternator Model	315MI30AI
Frequency (Hz)	50
Nominal Power (kVA)	750
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 (%)	94,2
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	2100
Length (mm)	4300
Height (mm)	2730
Weight (Kg)	5490
Fuel Tank Capacity (L)	1680

Canopy Type Dimensions and Weight

Width (mm)	2100
Length (mm)	5900
Height (mm)	3467
Weight (Kg)	6710
Fuel Tank Capacity (L)	1680

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



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