

# SGT-1110SW

Standby Power (kVA)	1068
Standby Power (kW)	854,4
Prime Power (kVA)	985
Prime Power (kW)	788
Power Factor (cos phi)	0,8

Standby Current (A)	1543
Prime Current (A)	1423
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

## Engine Specifications

Engine Brand	SDEC
Engine Model	6KTAA25-G321
Standby Power (Kw/hp)	968/1298
Engine Speed (r.p.m)	1500
Total Displacement (L)	25,2
Cylinder Arrangement	6 L
Bore x Stroke (mm x mm)	170 x 185
Compreion Ratio	14.5 : 1
Governor Type	ECU
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)	600
Maximum Exhaust Gas Flow (m3/h)	11448
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	TBA
Fuel Consumption at 50 % (L/h)	109,4
Fuel Consumption at 75 % (L/h)	158,8
Fuel Consumption at 100 % (L/h)	212,8
Cylinder Liner Type	Dry Type
Air Filter Type	Heavy Duty
Radiator	Tropical type up to 50 °C

## Alternator Specifications

Alternator Brand	WEG
Alternator Model	352EIYS
Frequency (Hz)	50
Nominal Power (kVA)	1017
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 0.5%
Short Circuit Current	300% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	93,1
THD	<3%
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



## Open Type Dimensions and Weight

Width (mm)	2100
Length (mm)	4300
Height (mm)	2730
Weight (Kg)	7400
Fuel Tank Capacity (L)	1680

## Canopy Type Dimensions and Weight

Width (mm)	2100
Length (mm)	5900
Height (mm)	3467
Weight (Kg)	8600
Fuel Tank Capacity (L)	1680

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