

SGT-510SX

Standby Power (kVA)	500
Standby Power (kW)	400
Prime Power (kVA)	455
Prime Power (kW)	364
Power Factor (cos phi)	0,8

Standby Current (A)	723
Prime Current (A)	658
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	SDEC
Engine Model	6ETAA12.8-G31
Standby Power (Kw/hp)	441/591
Engine Speed (r.p.m)	1500
Total Displacement (L)	12,8
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	130 x 161
Compreion Ratio	17.0 : 1
Governor Type	ECU
Aspiration System	Turbocharged-Intercooler
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	36
Coolant Capacity (L)	147
Fuel Tank Capacity (L)	700
Maximum Exhaust Gas Temperature (°C)	600
Maximum Exhaust Gas Flow (m3/h)	4782
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	TBA
Fuel Consumption at 50 % (L/h)	48,4
Fuel Consumption at 75 % (L/h)	70,1
Fuel Consumption at 100 % (L/h)	95,8
Cylinder Liner Type	Dry Type
Air Filter Type	Heavy Duty
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	Lynx
Alternator Model	LX354D
Frequency (Hz)	50
Nominal Power (kVA)	500
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 1%
Short Circuit Current	100% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	94,6
THD	<1.5%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1500
Length (mm)	3100
Height (mm)	2000
Weight (Kg)	3300
Fuel Tank Capacity (L)	700

Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4400
Height (mm)	2859
Weight (Kg)	4050
Fuel Tank Capacity (L)	700

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



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