

## SGT-450SX

Standby Power (kVA)	440
Standby Power (kW)	352
Prime Power (kVA)	400
Prime Power (kW)	320
Power Factor (cos phi)	0,8

Standby Current (A)	636
Prime Current (A)	578
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

### Engine Specifications

Engine Brand	SDEC
Engine Model	6ETAA12.8-G21
Standby Power (Kw/hp)	405/543
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	Electronic
Aspiration System	Turbocharged-Intercooler
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	36
Coolant Capacity (L)	100
Fuel Tank Capacity (L)	700
Maximum Exhaust Gas Temperature (°C)	600
Maximum Exhaust Gas Flow (m3/h)	4518
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	TBA
Fuel Consumption at 50 % (L/h)	44,4
Fuel Consumption at 75 % (L/h)	64,3
Fuel Consumption at 100 % (L/h)	81
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Heavy Duty
Radiator	Tropical type up to 50 °C

### Alternator Specifications

Alternator Brand	Lynx
Alternator Model	LX314F
Frequency (Hz)	50
Nominal Power (kVA)	400
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 (%)	93,8
THD	<1.5%
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



### Open Type Dimensions and Weight

Width (mm)	1500
Length (mm)	3100
Height (mm)	2000
Weight (Kg)	3040
Fuel Tank Capacity (L)	700

### Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4400
Height (mm)	2759
Weight (Kg)	3760
Fuel Tank Capacity (L)	700

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



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