

SGT-500SX

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	SC25G610D2
Standby Power (Kw/hp)	445/597
Engine Speed (r.p.m)	1500
Total Displacement (L)	25,8
Cylinder Arrangement	12 L
Bore x Stroke (mm x mm)	135 x 150
Compretn Ratio	16.0 : 1
Governor Type	Electronic
Aspiration System	Turbocharged-Intercooler
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	65
Coolant Capacity (L)	147
Fuel Tank Capacity (L)	1200
Maximum Exhaust Gas Temperature (°C)	650
Maximum Exhaust Gas Flow (m3/h)	5160
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	765,6
Fuel Consumption at 50 % (L/h)	53,6
Fuel Consumption at 75 % (L/h)	75,8
Fuel Consumption at 100 % (L/h)	100,4
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	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)	1900
Length (mm)	3600
Height (mm)	2300
Weight (Kg)	4800
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)	5780
Fuel Tank Capacity (L)	1200



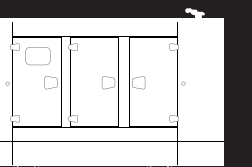
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