

SGT-550LX

Standby Power (kVA)	550
Standby Power (kW)	440
Prime Power (kVA)	500
Prime Power (kW)	400
Power Factor (cos phi)	0,8

Standby Current (A)	795
Prime Current (A)	723
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	LISTER PETER
Engine Model	LP613EG3
Standby Power (Kw/hp)	441/591,4
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	17:01
Governor Type	ECU
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	40
Coolant Capacity (L)	56
Fuel Tank Capacity (L)	680
Maximum Exhaust Gas Temperature (°C)	600
Maximum Exhaust Gas Flow (m3/h)	5580
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	708
Fuel Consumption at 50 % (L/h)	55
Fuel Consumption at 75 % (L/h)	81
Fuel Consumption at 100 % (L/h)	109
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 52 °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)	3300
Height (mm)	2150
Weight (Kg)	3694
Fuel Tank Capacity (L)	680

Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4600
Height (mm)	2904
Weight (Kg)	4394
Fuel Tank Capacity (L)	680

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



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