

SGT-700SX

Standby Power (kVA)	694
Standby Power (kW)	555,2
Prime Power (kVA)	642
Prime Power (kW)	514
Power Factor (cos phi)	0,8

Standby Current (A)	1003
Prime Current (A)	928
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	SDEC
Engine Model	SC27G830D2
Standby Power (Kw/hp)	610/818
Engine Speed (r.p.m)	1500
Total Displacement (L)	26,6
Cylinder Arrangement	12 L
Bore x Stroke (mm x mm)	135 x 155
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)	600
Maximum Exhaust Gas Flow (m3/h)	5970
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	1050
Fuel Consumption at 50 % (L/h)	74,1
Fuel Consumption at 75 % (L/h)	106,7
Fuel Consumption at 100 % (L/h)	141
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	LX354F
Frequency (Hz)	50
Nominal Power (kVA)	670
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 (%)	95
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)	5270
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)	6250
Fuel Tank Capacity (L)	1200



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