

SGT-145SX

Standby Power (kVA)	145
Standby Power (kW)	116
Prime Power (kVA)	131
Prime Power (kW)	105
Power Factor (cos phi)	0,8

Standby Current (A)	210
Prime Current (A)	189
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	SDEC
Engine Model	SC4H180D2
Standby Power (Kw/hp)	126/169
Engine Speed (r.p.m)	1500
Total Displacement (L)	4,3
Cylinder Arrangement	4 L
Bore x Stroke (mm x mm)	105 x 124
Compretn Ratio	16.0 : 1
Governor Type	Electronic
Aspiration System	Turbocharged-Intercooled
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	13
Coolant Capacity (L)	19,3
Fuel Tank Capacity (L)	180
Maximum Exhaust Gas Temperature (°C)	600
Maximum Exhaust Gas Flow (m3/h)	1092
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	211,2
Fuel Consumption at 50 % (L/h)	14,4
Fuel Consumption at 75 % (L/h)	21,4
Fuel Consumption at 100 % (L/h)	28,6
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	LX274E
Frequency (Hz)	50
Nominal Power (kVA)	140
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 (%)	91,7
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)	1100
Length (mm)	2000
Height (mm)	1530
Weight (Kg)	1320
Fuel Tank Capacity (L)	180

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

Canopy Type Dimensions and Weight

Width (mm)	1100
Length (mm)	3200
Height (mm)	1902
Weight (Kg)	1530
Fuel Tank Capacity (L)	180



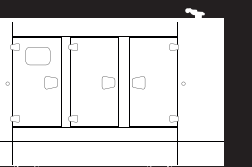
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