

SGT-420LX

Standby Power (kVA)	418
Standby Power (kW)	334,4
Prime Power (kVA)	380
Prime Power (kW)	304
Power Factor (cos phi)	0,8

Standby Current (A)	604
Prime Current (A)	549
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	LISTER PETTER
Engine Model	LP613G1
Standby Power (Kw/hp)	339/454,6
Engine Speed (r.p.m)	1500
Total Displacement (L)	12,8
Cylinder Arrangement	6 - L
Bore x Stroke (mm x mm)	130 x 161
Compretn Ratio	17:01
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	36
Coolant Capacity (L)	56
Fuel Tank Capacity (L)	700
Maximum Exhaust Gas Temperature (°C)	600
Maximum Exhaust Gas Flow (m3/h)	5220
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	648
Fuel Consumption at 50 % (L/h)	42
Fuel Consumption at 75 % (L/h)	64
Fuel Consumption at 100 % (L/h)	88
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	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	12
Poles	4 pole
Bearing Type	Single Bearing



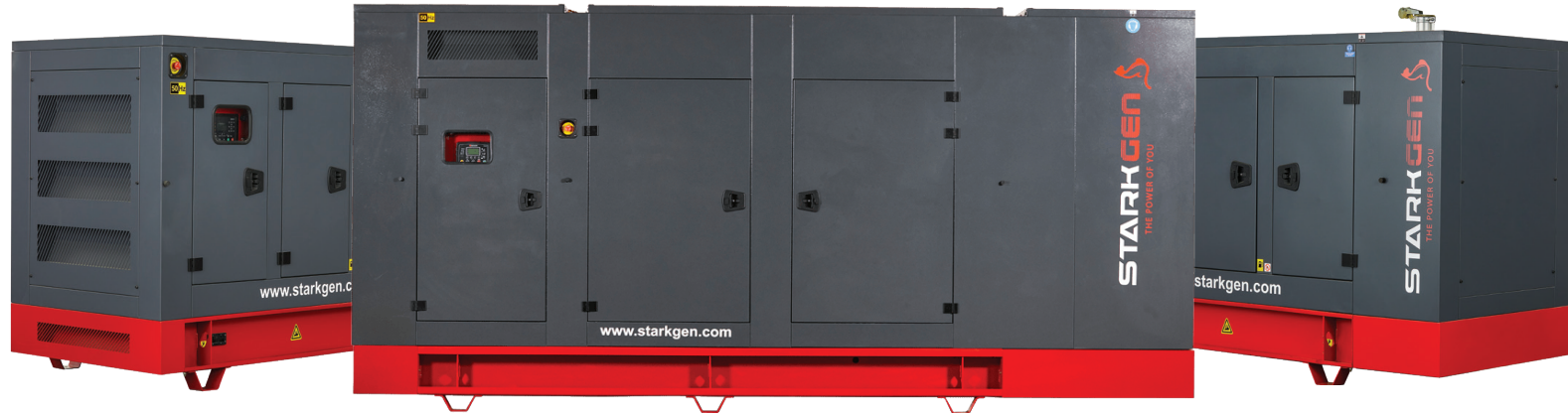
Open Type Dimensions and Weight

Width (mm)	1500
Length (mm)	3100
Height (mm)	2000
Weight (Kg)	2750
Fuel Tank Capacity (L)	700

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

Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4400
Height (mm)	2859
Weight (Kg)	3470
Fuel Tank Capacity (L)	700



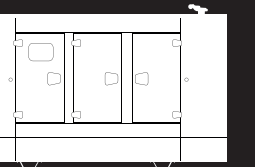
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