SGT-900PL

Standby Power (kVA)	890
Standby Power (kW)	712
Prime Power (kVA)	798
Prime Power (kW)	638,4
Power Factor (cos phi)	0,8

Standby Current (A)	1286
Prime Current (A)	1153
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	4006-23TAG3A
Standby Power (Kw/hp)	786/1054
Engine Speed (r.p.m)	1500
Total Displacement (L)	22,921
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	160 x 190
Compretion Ratio	13,6:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	113,4
Coolant Capacity (L)	105
Fuel Tank Capacity (L)	External
Maximum Exhaust Gas Temperature (°C)	500
Maximum Exhaust Gas Flow (m3/h)	11580
Maximum Back Pressure (kPa)	5,98
Cooling Air Flow (m3/min)	1200
Fuel Consumption at 50 % (L/h)	88
Fuel Consumption at 75 % (L/h)	132
Fuel Consumption at 100 % (L/h)	175
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	Leroy Somer
Alternator Model	TAL049C
Frequency (Hz)	50
Nominal Power (kVA)	820
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 0.8 %
Short Circuit Current	100% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	94.0
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

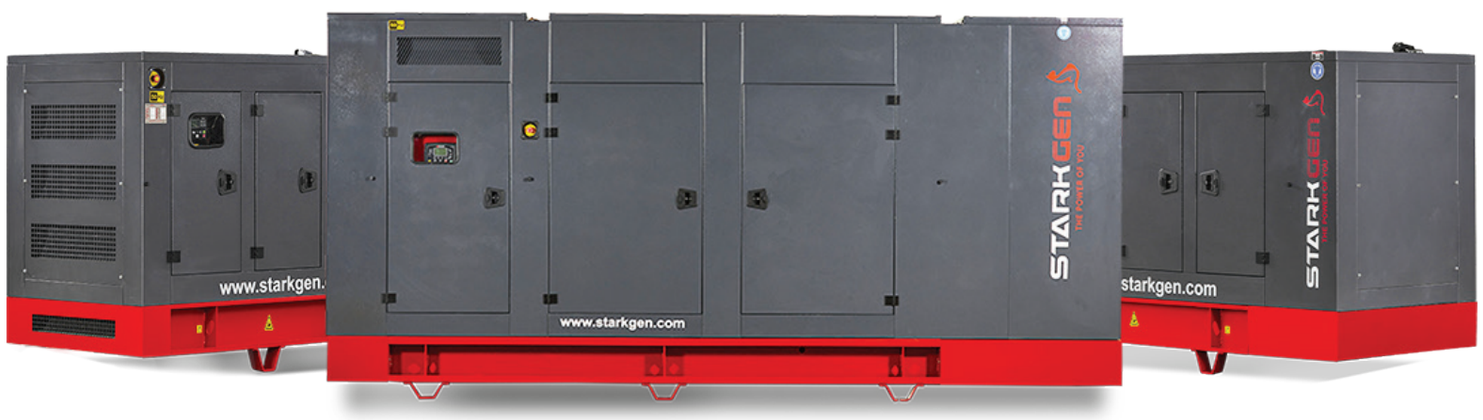
Open Type Dimensions and Weight

Width (mm)	2438
Length (mm)	5800
Height (mm)	2250
Weight (Kg)	6500
Fuel Tank Capacity (L)	External

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

Canopy Type Dimensions and Weight

Width (mm)	2440
Length (mm)	6060
Height (mm)	3381
Weight (Kg)	9500
Fuel Tank Capacity (L)	External



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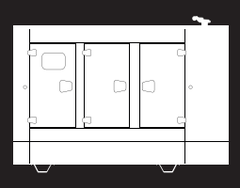

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