

SGT-1900PL

Standby Power (kVA)	1899
Standby Power (kW)	1519
Prime Power (kVA)	1730
Prime Power (kW)	1384
Power Factor (cos phi)	0,8

Standby Current (A)	2744
Prime Current (A)	2500
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	4012-46TAG3A
Standby Power (Kw/hp)	1664/2231,4
Engine Speed (r.p.m)	1500
Total Displacement (L)	45,842
Cylinder Arrangement	12-V
Bore x Stroke (mm x mm)	160 x 190
Compretion Ratio	13:01
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	177
Coolant Capacity (L)	210
Fuel Tank Capacity (L)	External
Maximum Exhaust Gas Temperature (°C)	480
Maximum Exhaust Gas Flow (m3/h)	21000
Maximum Back Pressure (kPa)	5
Cooling Air Flow (m3/min)	2220
Fuel Consumption at 50 % (L/h)	187
Fuel Consumption at 75 % (L/h)	275
Fuel Consumption at 100 % (L/h)	370
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	LSA52.3 S5
Frequency (Hz)	50
Nominal Power (kVA)	1860
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 0.25%
Short Circuit Current	300% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	96.05
THD	< 4%
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



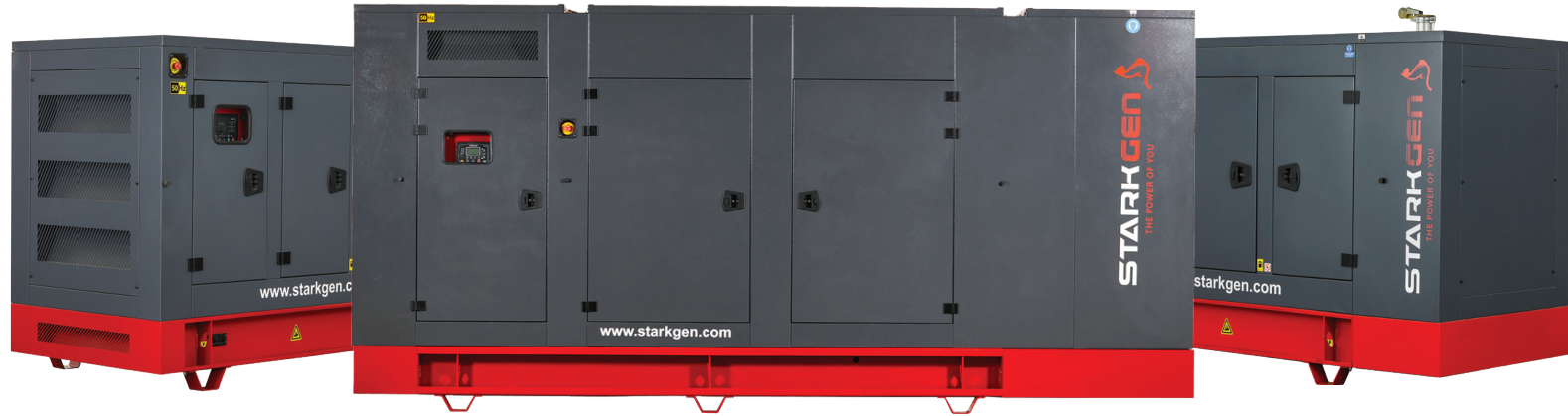
Open Type Dimensions and Weight

Width (mm)	2600
Length (mm)	6100
Height (mm)	3600
Weight (Kg)	12000
Fuel Tank Capacity (L)	External

Canopy Type Dimensions and Weight

Width (mm)	3200
Length (mm)	12000
Height (mm)	4450
Weight (Kg)	17000
Fuel Tank Capacity (L)	External

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



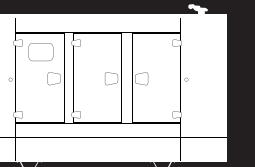
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