

SGT-1800PL6

Standby Power (kVA)	1800
Standby Power (kW)	1440
Prime Power (kVA)	1635
Prime Power (kW)	1308
Power Factor (cos phi)	0,8

Standby Current (A)	2738
Prime Current (A)	2487
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	4012-46TAG3A
Standby Power (Kw/hp)	1669/2238,1
Engine Speed (r.p.m)	1800
Total Displacement (L)	45,842
Cylinder Arrangement	12-V
Bore x Stroke (mm x mm)	160 x 190
Compreation Ratio	0,542361111
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)	405
Maximum Exhaust Gas Flow (m3/h)	20694
Maximum Back Pressure (kPa)	5
Cooling Air Flow (m3/min)	2046
Fuel Consumption at 50 % (L/h)	194
Fuel Consumption at 75 % (L/h)	289
Fuel Consumption at 100 % (L/h)	384
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	LSA50.2 VL10
Frequency (Hz)	60
Nominal Power (kVA)	1635
Nominal Voltage (V)	380
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 (%)	95.6
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



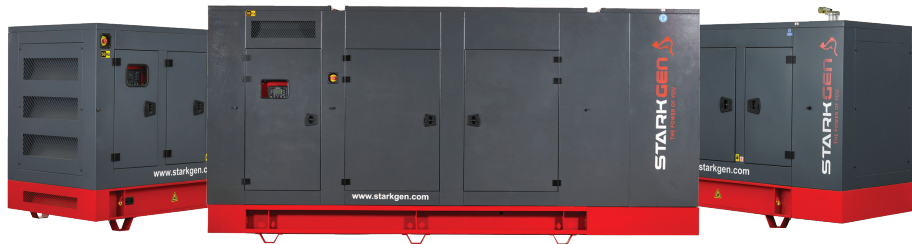
Open Type Dimensions and Weight

Width (mm)	2600
Length (mm)	6100
Height (mm)	3600
Weight (Kg)	12000
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)	3200
Length (mm)	12000
Height (mm)	4450
Weight (Kg)	17000
Fuel Tank Capacity (L)	External



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