

SGT-1400PL6

Standby Power (kVA)	1381
Standby Power (kW)	1104,8
Prime Power (kVA)	1251
Prime Power (kW)	1000,8
Power Factor (cos phi)	0,8

Standby Current (A)	2101
Prime Current (A)	1903
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	4012-46TWG2A
Standby Power (Kw/hp)	1224 /1641,38
Engine Speed (r.p.m)	1800
Total Displacement (L)	45,482
Cylinder Arrangement	12-V
Bore x Stroke (mm x mm)	160 x 190
Compreation Ratio	0,542361111
Governor Type	Electronic
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	177
Coolant Capacity (L)	201
Fuel Tank Capacity (L)	External
Maximum Exhaust Gas Temperature (°C)	435
Maximum Exhaust Gas Flow (m3/h)	14100
Maximum Back Pressure (kPa)	5
Cooling Air Flow (m3/min)	1700
Fuel Consumption at 50 % (L/h)	145
Fuel Consumption at 75 % (L/h)	199
Fuel Consumption at 100 % (L/h)	266
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 M6
Frequency (Hz)	60
Nominal Power (kVA)	1285
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 (%)	94,9
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



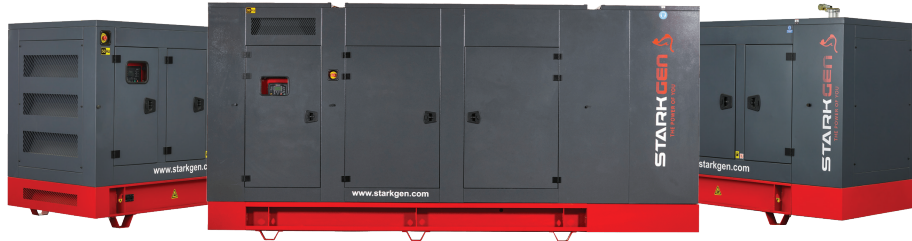
Open Type Dimensions and Weight

Width (mm)	2438
Length (mm)	5800
Height (mm)	2336
Weight (Kg)	10000
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)	9000
Height (mm)	3400
Weight (Kg)	11650
Fuel Tank Capacity (L)	External



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