SGT-1505PL6

Standby Power (kVA)	1500	**Standby Current (A)**	2282
Standby Power (kW)	1200	**Prime Current (A)**	2076
Prime Power (kVA)	1365	**Nominal Voltage (V)**	380/220
Prime Power (kW)	1092	**Engine Speed (r.p.m)**	1800
Power Factor (cos phi)	0,8	**Phase**	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	4012-46TWG3A
Standby Power (Kw/hp)	1330 /1783
Engine Speed (r.p.m)	1800
Total Displacement (L)	45,84
Cylinder Arrangement	12-V
Bore x Stroke (mm x mm)	160 x 190
Compretion Ratio	12,8:01
Governor Type	Electronic
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	177
Coolant Capacity (L)	173
Fuel Tank Capacity (L)	External
Maximum Exhaust Gas Temperature (°C)	430
Maximum Exhaust Gas Flow (m3/h)	16800
Maximum Back Pressure (kPa)	5
Cooling Air Flow (m3/min)	1878
Fuel Consumption at 50 % (L/h)	154
Fuel Consumption at 75 % (L/h)	212
Fuel Consumption at 100 % (L/h)	289
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 L7
Frequency (Hz)	60
Nominal Power (kVA)	1375
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 (%)	95,1
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

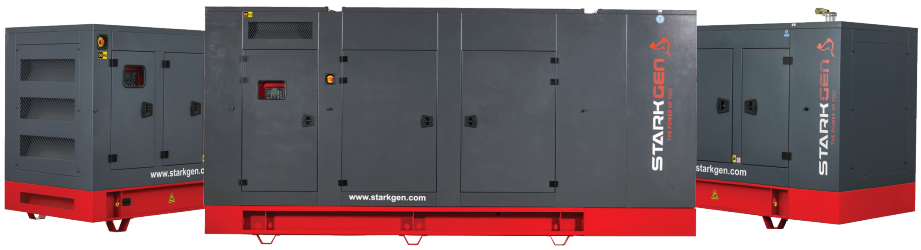
Open Type Dimensions and Weight

Width (mm)	2438
Length (mm)	5800
Height (mm)	2336
Weight (Kg)	11200
Fuel Tank Capacity (L)	External

Canopy Type Dimensions and Weight

Width (mm)	2440
Length (mm)	9000
Height (mm)	3400
Weight (Kg)	13500
Fuel Tank Capacity (L)	External

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



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