SGT-50PL

Standby Power (kVA)	50
Standby Power (kW)	40
Prime Power (kVA)	45
Prime Power (kW)	36
Power Factor (cos phi)	0,8

Standby Current (A)	72
Prime Current (A)	65
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1103A-33TG1
Standby Power (Kw/hp)	46,5/62,3
Engine Speed (r.p.m)	1500
Total Displacement (L)	3,3
Cylinder Arrangement	3-L
Bore x Stroke (mm x mm)	105 x 127
Compretion Ratio	17,25:1
Governor Type	Mechanical
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	8,3
Coolant Capacity (L)	10,2
Fuel Tank Capacity (L)	55
Maximum Exhaust Gas Temperature (°C)	537
Maximum Exhaust Gas Flow (m3/h)	462
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	53
Fuel Consumption at 50 % (L/h)	5,7
Fuel Consumption at 75 % (L/h)	8,2
Fuel Consumption at 100 % (L/h)	10,7
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	TAL042 F
Frequency (Hz)	50
Nominal Power (kVA)	45
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 1 %
Short Circuit Current	100% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	89.3
THD	< 2 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

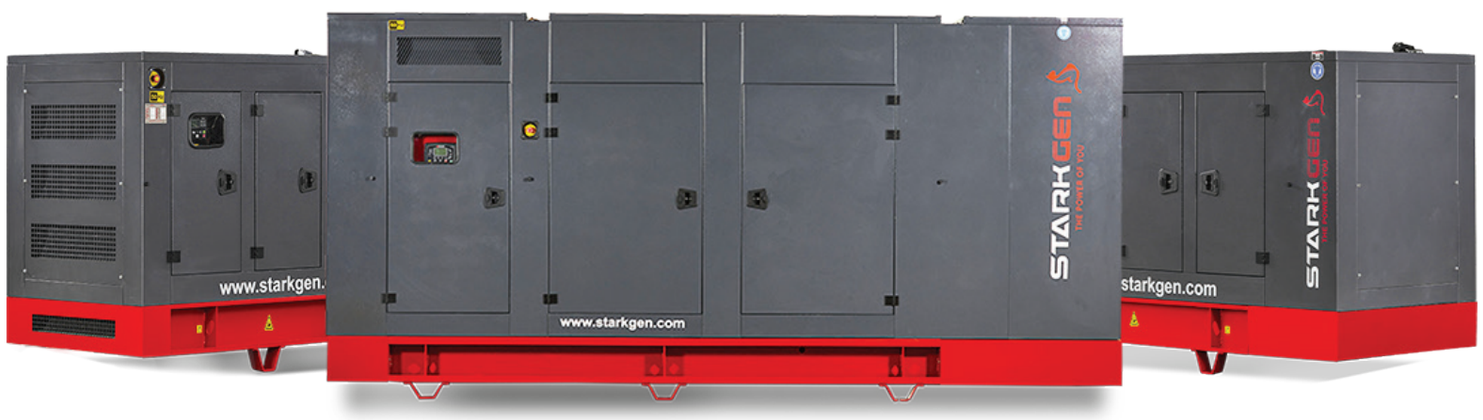
Open Type Dimensions and Weight

Width (mm)	1000
Length (mm)	1500
Height (mm)	1030
Weight (Kg)	800
Fuel Tank Capacity (L)	55

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

Canopy Type Dimensions and Weight

Width (mm)	1000
Length (mm)	2200
Height (mm)	1280
Weight (Kg)	970
Fuel Tank Capacity (L)	55



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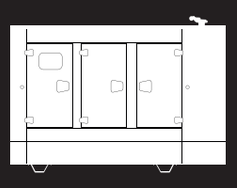

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