SGT-200PW

Standby Power (kVA)	190
Standby Power (kW)	152
Prime Power (kVA)	171,5
Prime Power (kW)	137
Power Factor (cos phi)	0,8

Standby Current (A)	275
Prime Current (A)	248
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1106A-70TAG3
Standby Power (Kw/hp)	185,7 /249
Engine Speed (r.p.m)	1500
Total Displacement (L)	7,01
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	105 x 135
Compretion Ratio	18,2:1
Governor Type	Mechanical
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	16,5
Coolant Capacity (L)	21
Fuel Tank Capacity (L)	450
Maximum Exhaust Gas Temperature (°C)	491
Maximum Exhaust Gas Flow (m3/h)	2031
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	282
Fuel Consumption at 50 % (L/h)	20,1
Fuel Consumption at 75 % (L/h)	31,8
Fuel Consumption at 100 % (L/h)	41,6
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	WEG
Alternator Model	251AIHE
Frequency (Hz)	50
Nominal Power (kVA)	180
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 0,5%
Short Circuit Current	300% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	86,8
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing

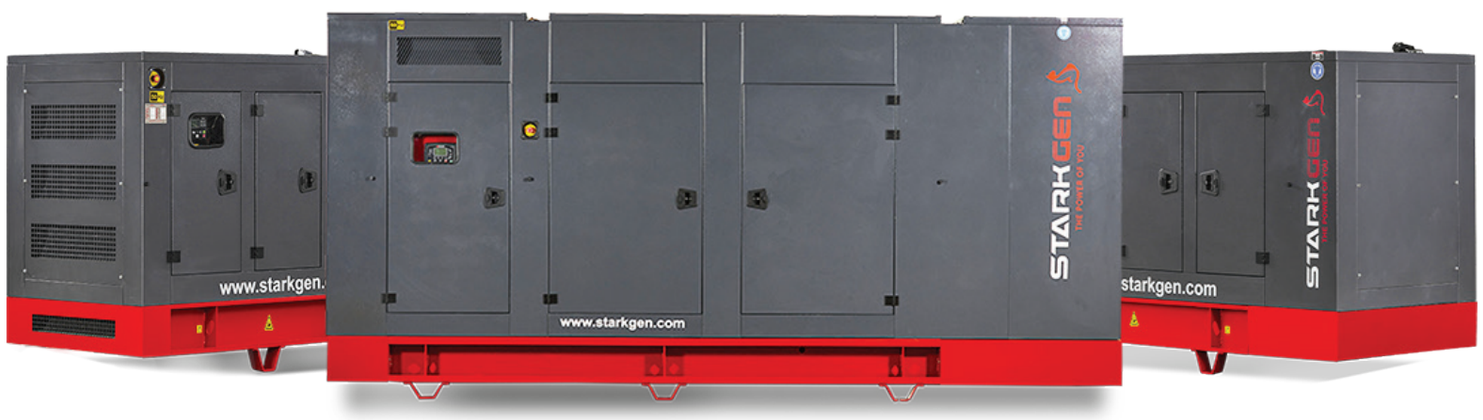
Open Type Dimensions and Weight

Width (mm)	1200
Length (mm)	2400
Height (mm)	1703
Weight (Kg)	1500
Fuel Tank Capacity (L)	450

Canopy Type Dimensions and Weight

Width (mm)	1200
Length (mm)	3200
Height (mm)	1953
Weight (Kg)	2170
Fuel Tank Capacity (L)	450

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



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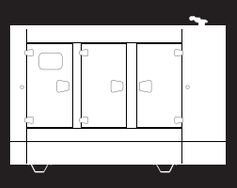

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