SGT-320PW6

Standby Power (kVA)	318,4	**Standby Current (A)**	484
Standby Power (kW)	254,72	**Prime Current (A)**	443
Prime Power (kVA)	291,06	**Nominal Voltage (V)**	380/220
Prime Power (kW)	232,848	**Engine Speed (r.p.m)**	1800
Power Factor (cos phi)	0,8	**Phase**	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1506A-E88TAG3
Standby Power (Kw/hp)	297 /398,28
Engine Speed (r.p.m)	1800
Total Displacement (L)	8,8
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	112 x 149
Compretion Ratio	16,1:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	41
Coolant Capacity (L)	29,6
Fuel Tank Capacity (L)	500
Maximum Exhaust Gas Temperature (°C)	496
Maximum Exhaust Gas Flow (m3/h)	2934
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	482
Fuel Consumption at 50 % (L/h)	33,1
Fuel Consumption at 75 % (L/h)	47,5
Fuel Consumption at 100 % (L/h)	63,1
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	250MI00AI
Frequency (Hz)	60
Nominal Power (kVA)	305
Nominal Voltage (V)	380
Phase	3
Regulated By	AVR
Voltage Regulation	± 0,5%
Short Circuit Current	250% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	91,6
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing

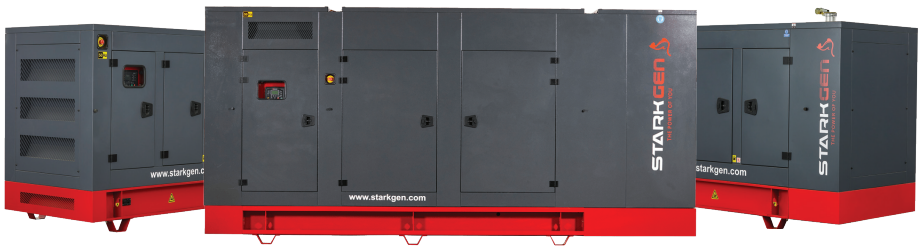
Open Type Dimensions and Weight

Width (mm)	1300
Length (mm)	2700
Height (mm)	1898
Weight (Kg)	2400
Fuel Tank Capacity (L)	500

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

Canopy Type Dimensions and Weight

Width (mm)	1300
Length (mm)	4000
Height (mm)	2150
Weight (Kg)	2680
Fuel Tank Capacity (L)	500



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