SGT-188PL6

Standby Power (kVA)	182	**Standby Current (A)**	277
Standby Power (kW)	145,6	**Prime Current (A)**	251
Prime Power (kVA)	165	**Nominal Voltage (V)**	380/220
Prime Power (kW)	132	**Engine Speed (r.p.m)**	1800
Power Factor (cos phi)	0,8	**Phase**	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1106A-70TAG2
Standby Power (Kw/hp)	173 /232
Engine Speed (r.p.m)	1800
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	#YOK
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)	419
Maximum Exhaust Gas Flow (m3/h)	1919,4
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	282
Fuel Consumption at 50 % (L/h)	18,5
Fuel Consumption at 75 % (L/h)	28,8
Fuel Consumption at 100 % (L/h)	37,5
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	TAL044K
Frequency (Hz)	60
Nominal Power (kVA)	165
Nominal Voltage (V)	380
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 (%)	93,2
THD	< 2 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

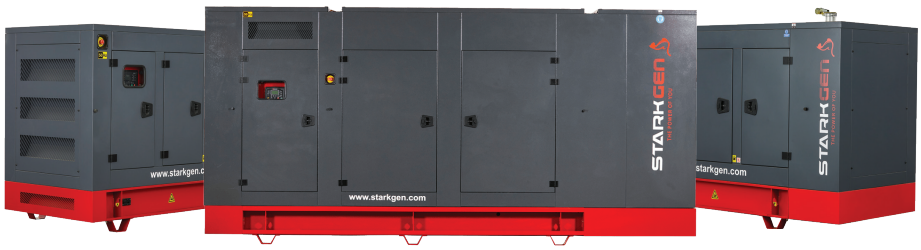
Open Type Dimensions and Weight

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

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

Canopy Type Dimensions and Weight

Width (mm)	1200
Length (mm)	3200
Height (mm)	1953
Weight (Kg)	2100
Fuel Tank Capacity (L)	450



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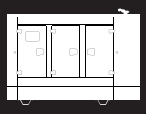

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