SGT-711PL6

Standby Power (kVA)	711
Standby Power (kW)	568,8
Prime Power (kVA)	647
Prime Power (kW)	517,6
Power Factor (cos phi)	0,8

Standby Current (A)	1082
Prime Current (A)	984
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	2806A-E18TAG1A
Standby Power (Kw/hp)	623/835,5
Engine Speed (r.p.m)	1800
Total Displacement (L)	18,13
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	145 x 183
Compretion Ratio	14,5:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	62
Coolant Capacity (L)	61
Fuel Tank Capacity (L)	1200
Maximum Exhaust Gas Temperature (°C)	489
Maximum Exhaust Gas Flow (m3/h)	7080
Maximum Back Pressure (kPa)	6,9
Cooling Air Flow (m3/min)	852
Fuel Consumption at 50 % (L/h)	66
Fuel Consumption at 75 % (L/h)	95
Fuel Consumption at 100 % (L/h)	127
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	TAL0473F
Frequency (Hz)	60
Nominal Power (kVA)	650
Nominal Voltage (V)	380
Phase	3
Regulated By	AVR
Voltage Regulation	± 0.8 %
Short Circuit Current	100% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	95,1
THD	< 1.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

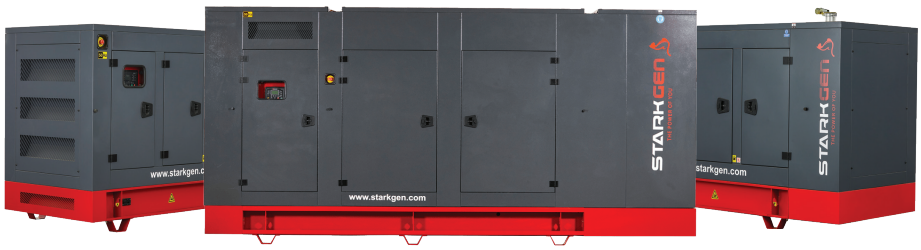
Open Type Dimensions and Weight

Width (mm)	1900
Length (mm)	3600
Height (mm)	2253
Weight (Kg)	4700
Fuel Tank Capacity (L)	1200

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

Canopy Type Dimensions and Weight

Width (mm)	1900
Length (mm)	5200
Height (mm)	3110
Weight (Kg)	6000
Fuel Tank Capacity (L)	1200



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