

SGT-785PL

Standby Power (kVA)	767
Standby Power (kW)	614
Prime Power (kVA)	699
Prime Power (kW)	559,2
Power Factor (cos phi)	0,8

Standby Current (A)	1108
Prime Current (A)	1010
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	2806A-E18TTAG4
Standby Power (Kw/hp)	685/919
Engine Speed (r.p.m)	1500
Total Displacement (L)	18,1
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	145 x 183
Compretion Ratio	14:01
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	68
Coolant Capacity (L)	110
Fuel Tank Capacity (L)	1200
Maximum Exhaust Gas Temperature (°C)	465
Maximum Exhaust Gas Flow (m3/h)	7680
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	852
Fuel Consumption at 50 % (L/h)	75
Fuel Consumption at 75 % (L/h)	109
Fuel Consumption at 100 % (L/h)	147
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	TAL049 B
Frequency (Hz)	50
Nominal Power (kVA)	730
Nominal Voltage (V)	400
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 (%)	93.6
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



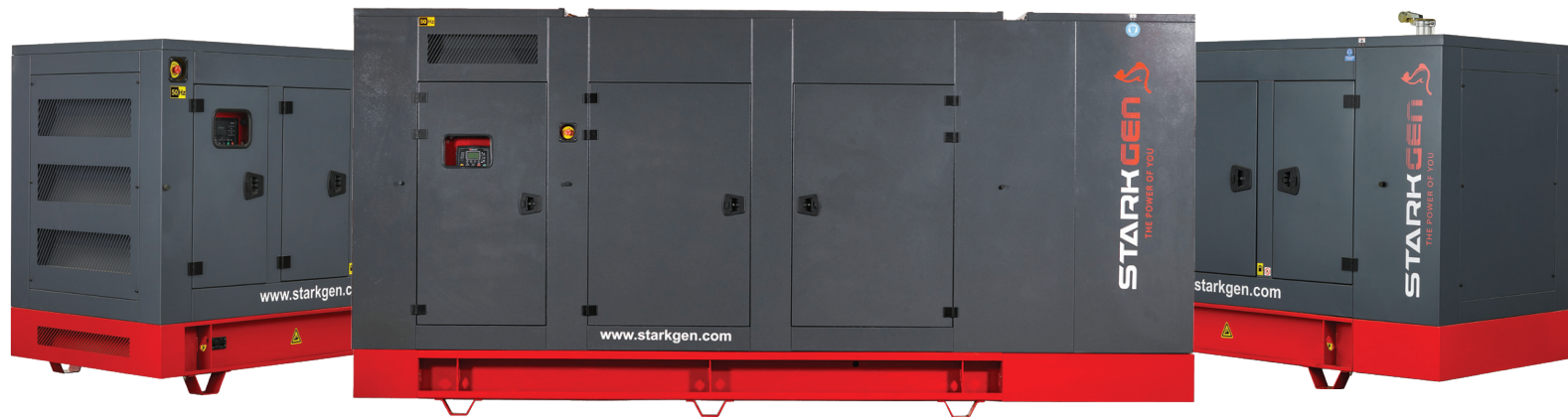
Open Type Dimensions and Weight

Width (mm)	1900
Length (mm)	3600
Height (mm)	2253
Weight (Kg)	5020
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)	7950
Fuel Tank Capacity (L)	1200



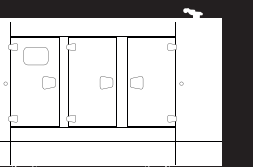
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