

SGT-136PLV

Standby Power (kVA)	136
Standby Power (kW)	108,8
Prime Power (kVA)	125
Prime Power (kW)	100
Power Factor (cos phi)	0,8

Standby Current (A)	197
Prime Current (A)	181
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1204J-E44TTAG2
Standby Power (Kw/hp)	125/167,6
Engine Speed (r.p.m)	1500
Total Displacement (L)	4,4
Cylinder Arrangement	4-L
Bore x Stroke (mm x mm)	105 x 127
Compreion Ratio	16,5:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	7
Coolant Capacity (L)	19,5
Fuel Tank Capacity (L)	650
Maximum Exhaust Gas Temperature (°C)	530
Maximum Exhaust Gas Flow (m3/h)	936
Maximum Back Pressure (kPa)	5,3
Cooling Air Flow (m3/min)	162
Fuel Consumption at 50 % (L/h)	13,85
Fuel Consumption at 75 % (L/h)	20,27
Fuel Consumption at 100 % (L/h)	27,16
Cylinder Liner Type	Dry Type
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	Leroy Somer
Alternator Model	TAL044H
Frequency (Hz)	50
Nominal Power (kVA)	135
Nominal Voltage (V)	400
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 (%)	92.1
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)	1620
Fuel Tank Capacity (L)	650

Canopy Type Dimensions and Weight

Width (mm)	1200
Length (mm)	3200
Height (mm)	1953
Weight (Kg)	2220
Fuel Tank Capacity (L)	650

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



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