

SGT-221PLV

Standby Power (kVA)	220
Standby Power (kW)	176
Prime Power (kVA)	200
Prime Power (kW)	160
Power Factor (cos phi)	0,8

Standby Current (A)	318
Prime Current (A)	289
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1206J-E70TTAG3
Standby Power (Kw/hp)	200/268,2
Engine Speed (r.p.m)	1500
Total Displacement (L)	7,01
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	105 x 135
Compreion Ratio	16,5:1
Governor Type	Electronic
Aspiration System	Series turbocharged aftercooled
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	16
Coolant Capacity (L)	32,3
Fuel Tank Capacity (L)	800
Maximum Exhaust Gas Temperature (°C)	480
Maximum Exhaust Gas Flow (m3/h)	864
Maximum Back Pressure (kPa)	1,7
Cooling Air Flow (m3/min)	258
Fuel Consumption at 50 % (L/h)	22,27
Fuel Consumption at 75 % (L/h)	32,48
Fuel Consumption at 100 % (L/h)	43,68
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	TAL044M
Frequency (Hz)	50
Nominal Power (kVA)	200
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 (%)	93.0
THD	< 2 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1500
Length (mm)	3300
Height (mm)	2150
Weight (Kg)	3500
Fuel Tank Capacity (L)	800

Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4600
Height (mm)	2904
Weight (Kg)	4270
Fuel Tank Capacity (L)	800

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



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