

SGT-290PLV

Standby Power (kVA)	283
Standby Power (kW)	226,4
Prime Power (kVA)	257
Prime Power (kW)	205,6
Power Factor (cos phi)	0,8

Standby Current (A)	409
Prime Current (A)	371
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1706J-E93TAG1
Standby Power (Kw/hp)	254/340,6
Engine Speed (r.p.m)	1500
Total Displacement (L)	9,3
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	115 x 149
Compretn Ratio	0,709027778
Governor Type	Electronic
Aspiration System	Turbocharged aftercooled
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	30
Coolant Capacity (L)	37,9
Fuel Tank Capacity (L)	1200
Maximum Exhaust Gas Temperature (°C)	430
Maximum Exhaust Gas Flow (m3/h)	2220
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	369
Fuel Consumption at 50 % (L/h)	30
Fuel Consumption at 75 % (L/h)	40
Fuel Consumption at 100 % (L/h)	55
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	TAL046E
Frequency (Hz)	50
Nominal Power (kVA)	275
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 (%)	93.1
THD	< 2.5 %
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)	4200
Fuel Tank Capacity (L)	1200

Canopy Type Dimensions and Weight

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

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



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