

SGT-46PLV

Standby Power (kVA)	46
Standby Power (kW)	36,8
Prime Power (kVA)	41,8
Prime Power (kW)	33,44
Power Factor (cos phi)	0,8

Standby Current (A)	66
Prime Current (A)	60
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	404J-E22TAG
Standby Power (Kw/hp)	41,9/56,2
Engine Speed (r.p.m)	1500
Total Displacement (L)	2,22
Cylinder Arrangement	4-L
Bore x Stroke (mm x mm)	84 x 100
Compretn Ratio	17,3:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Indirect
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	8,2
Coolant Capacity (L)	8,2
Fuel Tank Capacity (L)	180
Maximum Exhaust Gas Temperature (°C)	435
Maximum Exhaust Gas Flow (m3/h)	354
Maximum Back Pressure (kPa)	3
Cooling Air Flow (m3/min)	60
Fuel Consumption at 50 % (L/h)	4,87
Fuel Consumption at 75 % (L/h)	7,17
Fuel Consumption at 100 % (L/h)	9,38
Cylinder Liner Type	Dry Type
Air Filter Type	Dry Type-Replaceable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	Leroy Somer
Alternator Model	TAL042 F
Frequency (Hz)	50
Nominal Power (kVA)	45
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 (%)	89.3
THD	< 2 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1100
Length (mm)	1750
Height (mm)	1555
Weight (Kg)	960
Fuel Tank Capacity (L)	180

Canopy Type Dimensions and Weight

Width (mm)	1100
Length (mm)	2400
Height (mm)	1805
Weight (Kg)	1375
Fuel Tank Capacity (L)	180

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



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