

SGT450PL

Standby Power (kVA)	450
Standby Power (kW)	360
Prime Power (kVA)	407
Prime Power (kW)	325,6
Power Factor (cos phi)	0,8

Standby Current (A)	650
Prime Current (A)	588
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	2206A-E13TAG3
Standby Power (Kw/hp)	413/553,8
Engine Speed (r.p.m)	1500
Total Displacement (L)	12,5
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	130 x 157
Compretn Ratio	16,3:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	40
Coolant Capacity (L)	51,4
Fuel Tank Capacity (L)	680
Maximum Exhaust Gas Temperature (°C)	630
Maximum Exhaust Gas Flow (m3/h)	3888
Maximum Back Pressure (kPa)	6,8
Cooling Air Flow (m3/min)	654
Fuel Consumption at 50 % (L/h)	42
Fuel Consumption at 75 % (L/h)	62
Fuel Consumption at 100 % (L/h)	81
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	TAL0473A
Frequency (Hz)	50
Nominal Power (kVA)	410
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 (%)	93.2
THD	< 1.5 %
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)	680

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

Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4600
Height (mm)	2904
Weight (Kg)	4270
Fuel Tank Capacity (L)	680



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