

SGT-22PL

Standby Power (kVA)	22
Standby Power (kW)	17,6
Prime Power (kVA)	20
Prime Power (kW)	16
Power Factor (cos phi)	0,8

Standby Current (A)	32
Prime Current (A)	29
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	404A-22G1
Standby Power (Kw/hp)	20,6/27,6
Engine Speed (r.p.m)	1500
Total Displacement (L)	2,216
Cylinder Arrangement	4-L
Bore x Stroke (mm x mm)	84 x 100
Compretn Ratio	23,3:1
Governor Type	Mechanical
Aspiration System	Natural
Injection	Indirect
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	10,6
Coolant Capacity (L)	7
Fuel Tank Capacity (L)	55
Maximum Exhaust Gas Temperature (°C)	505
Maximum Exhaust Gas Flow (m3/h)	236,4
Maximum Back Pressure (kPa)	10,2
Cooling Air Flow (m3/min)	40,2
Fuel Consumption at 50 % (L/h)	2,9
Fuel Consumption at 75 % (L/h)	4
Fuel Consumption at 100 % (L/h)	5,3
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	TAL040F
Frequency (Hz)	50
Nominal Power (kVA)	20
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 (%)	87.1
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1000
Length (mm)	1500
Height (mm)	1030
Weight (Kg)	580
Fuel Tank Capacity (L)	55

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

Canopy Type Dimensions and Weight

Width (mm)	1000
Length (mm)	2200
Height (mm)	1280
Weight (Kg)	650
Fuel Tank Capacity (L)	55



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