

SGT-5,5PW6

Standby Power (kVA)	3,44
Standby Power (kW)	2,752
Prime Power (kVA)	3,1
Prime Power (kW)	2,48
Power Factor (cos phi)	0,8

Standby Current (A)	5
Prime Current (A)	5
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	402D-05G
Standby Power (Kw/hp)	5,1/6,8
Engine Speed (r.p.m)	1800
Total Displacement (L)	0,507
Cylinder Arrangement	2-L
Bore x Stroke (mm x mm)	67x72
Comprection Ratio	23,5:1
Governor Type	Mechanical
Aspiration System	Natural
Injection	Indirect
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	2,01
Coolant Capacity (L)	2,5
Fuel Tank Capacity (L)	40
Maximum Exhaust Gas Temperature (°C)	549
Maximum Exhaust Gas Flow (m3/h)	59,4
Maximum Back Pressure (kPa)	10,2
Cooling Air Flow (m3/min)	6,6
Fuel Consumption at 50 % (L/h)	0,87
Fuel Consumption at 75 % (L/h)	1,19
Fuel Consumption at 100 % (L/h)	1,51
Cylinder Liner Type	Dry Type
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	WEG
Alternator Model	161AISR
Frequency (Hz)	60
Nominal Power (kVA)	12,6
Nominal Voltage (V)	380
Phase	3
Regulated By	AVR
Voltage Regulation	± 0,5%
Short Circuit Current	300% In
Insulation	Class H
IP Class	IP 23
Power Factor	0,8
Efficiency (%)	72,8
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	800
Length (mm)	1250
Height (mm)	1000
Weight (Kg)	450
Fuel Tank Capacity (L)	40

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

Canopy Type Dimensions and Weight

Width (mm)	800
Length (mm)	1800
Height (mm)	1250
Weight (Kg)	510
Fuel Tank Capacity (L)	40



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