

SGT-90SW

Standby Power (kVA)	90
Standby Power (kW)	72
Prime Power (kVA)	81
Prime Power (kW)	65
Power Factor (cos phi)	0,8

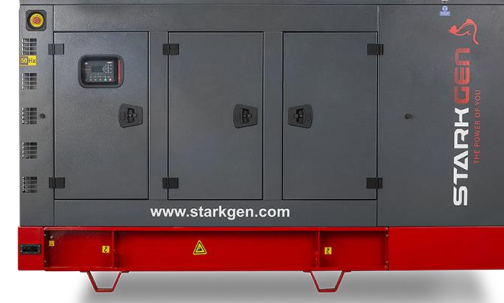
Standby Current (A)	130
Prime Current (A)	117
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	SDEC
Engine Model	SC4H115D2
Standby Power (Kw/hp)	86/115,33
Engine Speed (r.p.m)	1500
Total Displacement (L)	4,3
Cylinder Arrangement	4-L
Bore x Stroke (mm x mm)	105 x 124
Compretn Ratio	17.3 : 1
Governor Type	Electronic
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	13
Coolant Capacity (L)	19,3
Fuel Tank Capacity (L)	180
Maximum Exhaust Gas Temperature (°C)	600
Maximum Exhaust Gas Flow (m3/h)	846
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	141
Fuel Consumption at 50 % (L/h)	10,3
Fuel Consumption at 75 % (L/h)	15,2
Fuel Consumption at 100 % (L/h)	20,2
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Heavy Duty
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	WEG
Alternator Model	202AIVS
Frequency (Hz)	50
Nominal Power (kVA)	83
Nominal Voltage (V)	400
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 (%)	85,6
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1100
Length (mm)	2000
Height (mm)	1420
Weight (Kg)	1140
Fuel Tank Capacity (L)	180

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

Canopy Type Dimensions and Weight

Width (mm)	1100
Length (mm)	2850
Height (mm)	1802
Weight (Kg)	1514
Fuel Tank Capacity (L)	180



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