

SGT-1610PW6

Standby Power (kVA)	1575
Standby Power (kW)	1260
Prime Power (kVA)	1410
Prime Power (kW)	1128
Power Factor (cos phi)	0,8

Standby Current (A)	2396
Prime Current (A)	2145
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	4012-46TWG4A
Standby Power (Kw/hp)	1409 /1889
Engine Speed (r.p.m)	1800
Total Displacement (L)	45,84
Cylinder Arrangement	12-V
Bore x Stroke (mm x mm)	160 x 190
Compretion Ratio	12,8:01
Governor Type	Electronic
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	177
Coolant Capacity (L)	173
Fuel Tank Capacity (L)	External
Maximum Exhaust Gas Temperature (°C)	452
Maximum Exhaust Gas Flow (m3/h)	17946
Maximum Back Pressure (kPa)	5
Cooling Air Flow (m3/min)	1878
Fuel Consumption at 50 % (L/h)	158,7
Fuel Consumption at 75 % (L/h)	227,5
Fuel Consumption at 100 % (L/h)	325,17
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	WEG
Alternator Model	355MI90AI
Frequency (Hz)	60
Nominal Power (kVA)	1410
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 (%)	93.9
THD	<3%
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	2438
Length (mm)	5680
Height (mm)	2336
Weight (Kg)	11700
Fuel Tank Capacity (L)	External

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

Canopy Type Dimensions and Weight

Width (mm)	2440
Length (mm)	9000
Height (mm)	3400
Weight (Kg)	14200
Fuel Tank Capacity (L)	External



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