SGT451PW6

Standby Power (kVA)	448	**Standby Current (A)**	681
Standby Power (kW)	358,4	**Prime Current (A)**	624
Prime Power (kVA)	410	**Nominal Voltage (V)**	380/220
Prime Power (kW)	328	**Engine Speed (r.p.m)**	1800
Power Factor (cos phi)	0,8	**Phase**	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	2206A-E13TAG3
Standby Power (Kw/hp)	406,5 /545,12
Engine Speed (r.p.m)	1800
Total Displacement (L)	12,5
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	130 x 157
Compretion 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)	660
Maximum Exhaust Gas Flow (m3/h)	4410
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	788
Fuel Consumption at 50 % (L/h)	43
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	WEG
Alternator Model	280MI20AI
Frequency (Hz)	60
Nominal Power (kVA)	420
Nominal Voltage (V)	380
Phase	3
Regulated By	AVR
Voltage Regulation	± 0,5%
Short Circuit Current	250% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	94
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing

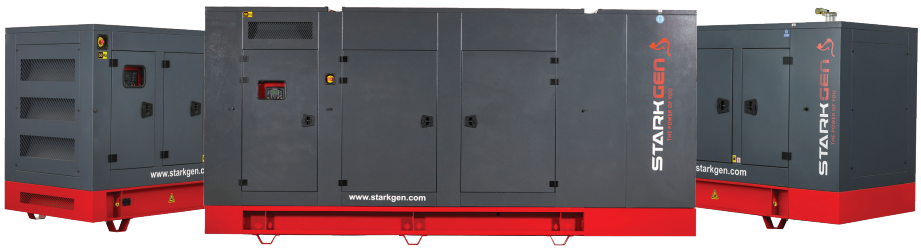
Open Type Dimensions and Weight

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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