

SGT-275PW

Standby Power (kVA)	274
Standby Power (kW)	219,2
Prime Power (kVA)	250
Prime Power (kW)	200
Power Factor (cos phi)	0,8

Standby Current (A)	396
Prime Current (A)	361
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1206A-E70TTAG3
Standby Power (Kw/hp)	248,5/333,2
Engine Speed (r.p.m)	1500
Total Displacement (L)	7,01
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	105 x 135
Compretn Ratio	15.8:1
Governor Type	Electronic
Aspiration System	Series turbocharged aftercooled
Injection	#YOK
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	13-16
Coolant Capacity (L)	25
Fuel Tank Capacity (L)	500
Maximum Exhaust Gas Temperature (°C)	522
Maximum Exhaust Gas Flow (m3/h)	2047
Maximum Back Pressure (kPa)	7
Cooling Air Flow (m3/min)	265,2
Fuel Consumption at 50 % (L/h)	28,1
Fuel Consumption at 75 % (L/h)	41,5
Fuel Consumption at 100 % (L/h)	56,9
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	250SI20AI
Frequency (Hz)	50
Nominal Power (kVA)	250
Nominal Voltage (V)	400
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 (%)	92
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1300
Length (mm)	2700
Height (mm)	1898
Weight (Kg)	2170
Fuel Tank Capacity (L)	500

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

Canopy Type Dimensions and Weight

Width (mm)	1300
Length (mm)	4000
Height (mm)	2150
Weight (Kg)	2600
Fuel Tank Capacity (L)	500



STARKGEN JENERATÖR PAZARLAMA ve TİC. AŞ

Center Office

Hürriyet mah. Yakacık D100 Kuzey Yanyol
No49/1 34876 Kartal - İstanbul, Türkiye
T. +90 216 453 0404

Factory

Hanlı Sakarya Mah. Başak Sk. No 56/1
Arifiye - Sakarya, Türkiye
T. +90 264 295 8300

