

SGT-275PL

Standby Power (kVA)	272
Standby Power (kW)	217,6
Prime Power (kVA)	248,5
Prime Power (kW)	198,8
Power Factor (cos phi)	0,8

Standby Current (A)	393
Prime Current (A)	359
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	Direct
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	Leroy Somer
Alternator Model	TAL046 D
Frequency (Hz)	50
Nominal Power (kVA)	250
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 1 %
Short Circuit Current	100% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	91.3
THD	< 2.5 %
Connection Type	Star connection
Number of Wires	6
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

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