

SGT-300PL

Standby Power (kVA)	303
Standby Power (kW)	242,4
Prime Power (kVA)	275
Prime Power (kW)	220
Power Factor (cos phi)	0,8

Standby Current (A)	438
Prime Current (A)	397
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1506A-E88TAG4
Standby Power (Kw/hp)	281/376,8
Engine Speed (r.p.m)	1500
Total Displacement (L)	8,8
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	112 x 149
Compretn Ratio	16,1:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	41
Coolant Capacity (L)	33,2
Fuel Tank Capacity (L)	696
Maximum Exhaust Gas Temperature (°C)	576
Maximum Exhaust Gas Flow (m3/h)	2778
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	370
Fuel Consumption at 50 % (L/h)	31,6
Fuel Consumption at 75 % (L/h)	45,8
Fuel Consumption at 100 % (L/h)	60,2
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 E
Frequency (Hz)	50
Nominal Power (kVA)	275
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 (%)	93.1
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)	1730
Weight (Kg)	2400
Fuel Tank Capacity (L)	696

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)	2100
Weight (Kg)	2680
Fuel Tank Capacity (L)	696



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

