

SGT-110PL

Standby Power (kVA)	110
Standby Power (kW)	88
Prime Power (kVA)	100
Prime Power (kW)	80
Power Factor (cos phi)	0,8

Standby Current (A)	159
Prime Current (A)	145
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1104C-44TAG2
Standby Power (Kw/hp)	103 /138,1
Engine Speed (r.p.m)	1500
Total Displacement (L)	4,41
Cylinder Arrangement	4-L
Bore x Stroke (mm x mm)	105 x 127
Compreion Ratio	18,2:1
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	8
Coolant Capacity (L)	12,6
Fuel Tank Capacity (L)	180
Maximum Exhaust Gas Temperature (°C)	543
Maximum Exhaust Gas Flow (m3/h)	978
Maximum Back Pressure (kPa)	18
Cooling Air Flow (m3/min)	165,6
Fuel Consumption at 50 % (L/h)	11,8
Fuel Consumption at 75 % (L/h)	17,1
Fuel Consumption at 100 % (L/h)	22,6
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	TAL044 D
Frequency (Hz)	50
Nominal Power (kVA)	100
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 (%)	90.8
THD	< 2 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	1100
Length (mm)	2000
Height (mm)	1552
Weight (Kg)	1135
Fuel Tank Capacity (L)	180

Canopy Type Dimensions and Weight

Width (mm)	1100
Length (mm)	2850
Height (mm)	1802
Weight (Kg)	1500
Fuel Tank Capacity (L)	180

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



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

