

SGT-825PL6

Standby Power (kVA)	820
Standby Power (kW)	656
Prime Power (kVA)	754
Prime Power (kW)	603,2
Power Factor (cos phi)	0,8

Standby Current (A)	1247
Prime Current (A)	1147
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	4006-23TAG2A
Standby Power (Kw/hp)	746 /1000,39
Engine Speed (r.p.m)	1800
Total Displacement (L)	22,92
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	160 x 190
Compretion Ratio	13,6:1
Governor Type	Electronic
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	113,4
Coolant Capacity (L)	105
Fuel Tank Capacity (L)	1680
Maximum Exhaust Gas Temperature (°C)	430
Maximum Exhaust Gas Flow (m3/h)	11400
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	1320
Fuel Consumption at 50 % (L/h)	84,57
Fuel Consumption at 75 % (L/h)	126,85
Fuel Consumption at 100 % (L/h)	169,13
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	TAL049C
Frequency (Hz)	60
Nominal Power (kVA)	815
Nominal Voltage (V)	380
Phase	3
Regulated By	AVR
Voltage Regulation	± 0.8 %
Short Circuit Current	100% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	94,1
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



Open Type Dimensions and Weight

Width (mm)	2100
Length (mm)	4300
Height (mm)	2550
Weight (Kg)	5500
Fuel Tank Capacity (L)	1680

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

Canopy Type Dimensions and Weight

Width (mm)	2100
Length (mm)	5900
Height (mm)	3475
Weight (Kg)	8850
Fuel Tank Capacity (L)	1680



STARKGEN JENERATÖR PAZARLAMA ve TİC. AŞ

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