SGT-276PL6

Standby Power (kVA)	276	**Standby Current (A)**	420
Standby Power (kW)	220,8	**Prime Current (A)**	383
Prime Power (kVA)	252	**Nominal Voltage (V)**	380/220
Prime Power (kW)	201,6	**Engine Speed (r.p.m)**	1800
Power Factor (cos phi)	0,8	**Phase**	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1506A-E88TAG1
Standby Power (Kw/hp)	255 /341,96
Engine Speed (r.p.m)	1800
Total Displacement (L)	8,8
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	112 x 149
Compretion 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)	29,6
Fuel Tank Capacity (L)	500
Maximum Exhaust Gas Temperature (°C)	444
Maximum Exhaust Gas Flow (m3/h)	2526
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	482
Fuel Consumption at 50 % (L/h)	29,3
Fuel Consumption at 75 % (L/h)	41,6
Fuel Consumption at 100 % (L/h)	54,2
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	TAL046E
Frequency (Hz)	60
Nominal Power (kVA)	275
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 (%)	93,3
THD	<2,5%
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

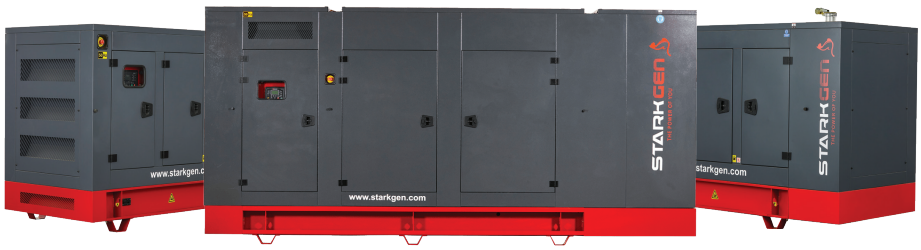
Open Type Dimensions and Weight

Width (mm)	1300
Length (mm)	2700
Height (mm)	1898
Weight (Kg)	2400
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)	2680
Fuel Tank Capacity (L)	500



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