SGT-640PL6

Standby Power (kVA)	645
Standby Power (kW)	516
Prime Power (kVA)	588
Prime Power (kW)	470,4
Power Factor (cos phi)	0,8

Standby Current (A)	981
Prime Current (A)	894
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	2506A-E15TAG4
Standby Power (Kw/hp)	568/761,7
Engine Speed (r.p.m)	1800
Total Displacement (L)	15,2
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	137 x 171
Compretion Ratio	0,667361111
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	62
Coolant Capacity (L)	58
Fuel Tank Capacity (L)	680
Maximum Exhaust Gas Temperature (°C)	590
Maximum Exhaust Gas Flow (m3/h)	6318
Maximum Back Pressure (kPa)	6,8
Cooling Air Flow (m3/min)	866
Fuel Consumption at 50 % (L/h)	62
Fuel Consumption at 75 % (L/h)	88
Fuel Consumption at 100 % (L/h)	115
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	TAL0473E
Frequency (Hz)	60
Nominal Power (kVA)	600
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 (%)	95
THD	< 1.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

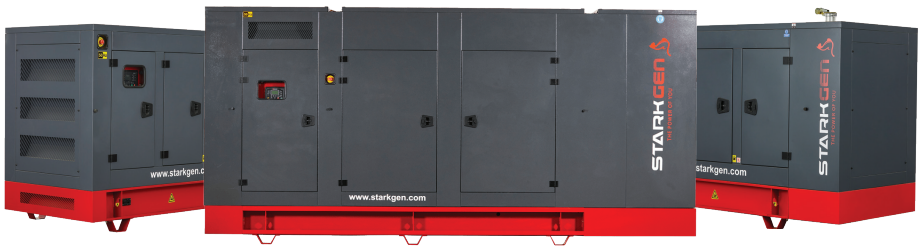
Open Type Dimensions and Weight

Width (mm)	1500
Length (mm)	3300
Height (mm)	2150
Weight (Kg)	3624
Fuel Tank Capacity (L)	680

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

Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4600
Height (mm)	2904
Weight (Kg)	4324
Fuel Tank Capacity (L)	680



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