

SGT-630PLV

Standby Power (kVA)	626
Standby Power (kW)	500,8
Prime Power (kVA)	568
Prime Power (kW)	454,4
Power Factor (cos phi)	0,8

Standby Current (A)	905
Prime Current (A)	821
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	2806J-E18TAG1
Standby Power (Kw/hp)	559/749,6
Engine Speed (r.p.m)	1500
Total Displacement (L)	18,13
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	145 x 183
Compreion Ratio	0,667361111
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	74
Coolant Capacity (L)	74
Fuel Tank Capacity (L)	2200
Maximum Exhaust Gas Temperature (°C)	539
Maximum Exhaust Gas Flow (m3/h)	4236
Maximum Back Pressure (kPa)	15
Cooling Air Flow (m3/min)	695,2
Fuel Consumption at 50 % (L/h)	61
Fuel Consumption at 75 % (L/h)	92
Fuel Consumption at 100 % (L/h)	122,7
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	TAL0473 E
Frequency (Hz)	50
Nominal Power (kVA)	600
Nominal Voltage (V)	400
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 (%)	94.9
THD	< 1.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



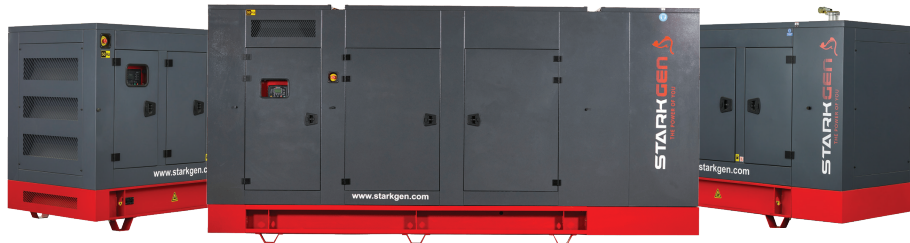
Open Type Dimensions and Weight

Width (mm)	2100
Length (mm)	4400
Height (mm)	2253
Weight (Kg)	4700
Fuel Tank Capacity (L)	2200

Canopy Type Dimensions and Weight

Width (mm)	2100
Length (mm)	5650
Height (mm)	3400
Weight (Kg)	7000
Fuel Tank Capacity (L)	2200

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



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