SGT-935PL6

Standby Power (kVA)	937
Standby Power (kW)	749,6
Prime Power (kVA)	850
Prime Power (kW)	680
Power Factor (cos phi)	0,8

Standby Current (A)	1425
Prime Current (A)	1293
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	2806A-E18TTAG7
Standby Power (Kw/hp)	821 /1100,96
Engine Speed (r.p.m)	1800
Total Displacement (L)	18,1
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	145 x 183
Compretion Ratio	0,584027778
Governor Type	Electronic
Aspiration System	Turbocharged AAC
Injection	#YOK
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	68
Coolant Capacity (L)	110
Fuel Tank Capacity (L)	1200
Maximum Exhaust Gas Temperature (°C)	473
Maximum Exhaust Gas Flow (m3/h)	9600
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	900
Fuel Consumption at 50 % (L/h)	92
Fuel Consumption at 75 % (L/h)	133
Fuel Consumption at 100 % (L/h)	187
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	TAL049D
Frequency (Hz)	60
Nominal Power (kVA)	905
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 (%)	94,6
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

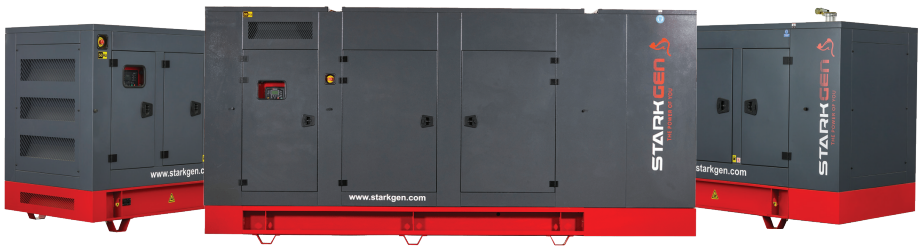
Open Type Dimensions and Weight

Width (mm)	1900
Length (mm)	3600
Height (mm)	2253
Weight (Kg)	5020
Fuel Tank Capacity (L)	1200

Canopy Type Dimensions and Weight

Width (mm)	1900
Length (mm)	5200
Height (mm)	3110
Weight (Kg)	7950
Fuel Tank Capacity (L)	1200

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



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