SGT-935PW6

Standby Power (kVA)	931	**Standby Current (A)**	1416
Standby Power (kW)	744,8	**Prime Current (A)**	1284
Prime Power (kVA)	844	**Nominal Voltage (V)**	380/220
Prime Power (kW)	675,2	**Engine Speed (r.p.m)**	1800
Power Factor (cos phi)	0,8	**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	14:01
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	WEG
Alternator Model	355MI70AI
Frequency (Hz)	60
Nominal Power (kVA)	1150
Nominal Voltage (V)	380
Phase	3
Regulated By	AVR
Voltage Regulation	± 0,5%
Short Circuit Current	300% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	94,3
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing

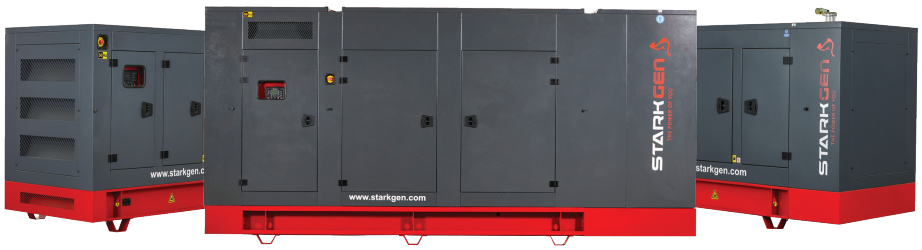
Open Type Dimensions and Weight

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

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

Canopy Type Dimensions and Weight

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



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