

SGT-16PL6

Standby Power (kVA)	14
Standby Power (kW)	11,2
Prime Power (kVA)	12,5
Prime Power (kW)	10
Power Factor (cos phi)	0,8

Standby Current (A)	21
Prime Current (A)	19
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	403D-15G
Standby Power (Kw/hp)	16,2/21,72
Engine Speed (r.p.m)	1800
Total Displacement (L)	1,496
Cylinder Arrangement	3-L
Bore x Stroke (mm x mm)	84 x 90
Comprection Ratio	22,5:1
Governor Type	Mechanical
Aspiration System	Natural
Injection	Indirect
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	6
Coolant Capacity (L)	6
Fuel Tank Capacity (L)	40
Maximum Exhaust Gas Temperature (°C)	505
Maximum Exhaust Gas Flow (m3/h)	201,6
Maximum Back Pressure (kPa)	10,2
Cooling Air Flow (m3/min)	51
Fuel Consumption at 50 % (L/h)	2,39
Fuel Consumption at 75 % (L/h)	3,24
Fuel Consumption at 100 % (L/h)	4,29
Cylinder Liner Type	Dry Type
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	Leroy Somer
Alternator Model	TAL040C
Frequency (Hz)	60
Nominal Power (kVA)	12,5
Nominal Voltage (V)	380
Phase	3
Regulated By	AVR
Voltage Regulation	± 1 %
Short Circuit Current	100% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	83,4
THD	< 3.5 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing



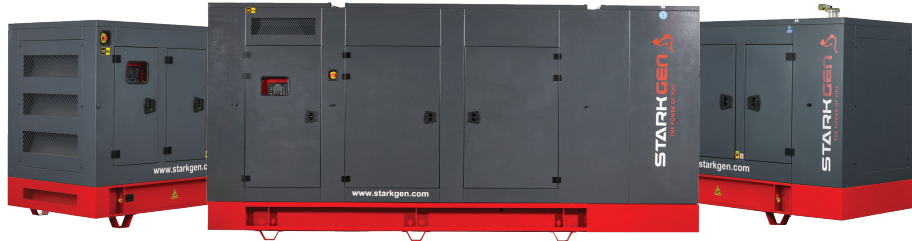
Open Type Dimensions and Weight

Width (mm)	800
Length (mm)	1250
Height (mm)	1000
Weight (Kg)	510
Fuel Tank Capacity (L)	40

Canopy Type Dimensions and Weight

Width (mm)	800
Length (mm)	1800
Height (mm)	1250
Weight (Kg)	575
Fuel Tank Capacity (L)	40

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



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