SGT-170PL6

Standby Power (kVA)	173
Standby Power (kW)	138,4
Prime Power (kVA)	156
Prime Power (kW)	124,8
Power Factor (cos phi)	0,8

Standby Current (A)	263
Prime Current (A)	237
Nominal Voltage (V)	380/220
Engine Speed (r.p.m)	1800
Phase	3

Engine Specifications

Engine Brand	PERKINS
Engine Model	1106A-70TG1
Standby Power (Kw/hp)	135,8/182,1
Engine Speed (r.p.m)	1500
Total Displacement (L)	7,01
Cylinder Arrangement	6-L
Bore x Stroke (mm x mm)	105 x 135
Compretion Ratio	18,2:1
Governor Type	#YOK
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	18
Coolant Capacity (L)	21
Fuel Tank Capacity (L)	450
Maximum Exhaust Gas Temperature (°C)	576
Maximum Exhaust Gas Flow (m3/h)	1359,6
Maximum Back Pressure (kPa)	6
Cooling Air Flow (m3/min)	182
Fuel Consumption at 50 % (L/h)	15,9
Fuel Consumption at 75 % (L/h)	22,7
Fuel Consumption at 100 % (L/h)	30,3
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	TAL044K
Frequency (Hz)	60
Nominal Power (kVA)	165
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 (%)	93,2
THD	< 2 %
Connection Type	Star connection
Number of Wires	6
Poles	4 pole
Bearing Type	Single Bearing

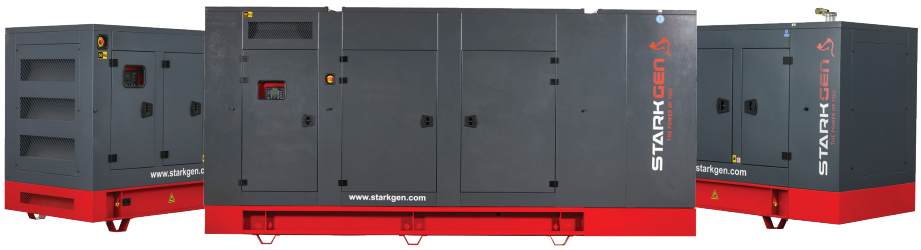
Open Type Dimensions and Weight

Width (mm)	1200
Length (mm)	2400
Height (mm)	1703
Weight (Kg)	1400
Fuel Tank Capacity (L)	450

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

Canopy Type Dimensions and Weight

Width (mm)	1200
Length (mm)	3200
Height (mm)	1953
Weight (Kg)	1900
Fuel Tank Capacity (L)	450



STARKGEN JENERATÖR PAZARLAMA ve TİC. AŞ

Center Office
Hürriyet mah. Yakacık D100 Kuzey Yanyol
No49/1 34876 Kartal - İstanbul, Türkiye
T. +90 216 453 0404

Factory
Hanlı Sakarya Mah. Başak Sk. No 56/1
Arifiye - Sakarya, Türkiye
T. +90 264 295 8300

A MEMBER OF ASKO CORPORATION

Starkgen Jeneratör A.Ş. Starkgen Jeneratör A.Ş. /starkgenjenerator

www.starkgen.com
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