

SGT-500LW

Standby Power (kVA)	500
Standby Power (kW)	400
Prime Power (kVA)	454
Prime Power (kW)	363,2
Power Factor (cos phi)	0,8

Standby Current (A)	723
Prime Current (A)	656
Nominal Voltage (V)	400/231
Engine Speed (r.p.m)	1500
Phase	3

Engine Specifications

Engine Brand	LISTER PETTER
Engine Model	LP613EG2
Standby Power (Kw/hp)	401/537,7
Engine Speed (r.p.m)	1500
Total Displacement (L)	12,8
Cylinder Arrangement	6 - L
Bore x Stroke (mm x mm)	130 x 161
Compretn Ratio	17:01
Governor Type	ECU
Aspiration System	Turbocharged AAC
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	24
Oil Capacity (L)	36
Coolant Capacity (L)	56
Fuel Tank Capacity (L)	680
Maximum Exhaust Gas Temperature (°C)	600
Maximum Exhaust Gas Flow (m3/h)	5220
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	648
Fuel Consumption at 50 % (L/h)	48
Fuel Consumption at 75 % (L/h)	72,3
Fuel Consumption at 100 % (L/h)	99,1
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 52 °C

Alternator Specifications

Alternator Brand	WEG
Alternator Model	280MI40AI
Frequency (Hz)	50
Nominal Power (kVA)	500
Nominal Voltage (V)	400
Phase	3
Regulated By	AVR
Voltage Regulation	± 0,5%
Short Circuit Current	250% In
Insulation	Class H
IP Class	IP 23
Power Factor	0.8
Efficiency (%)	94.0
THD	<3%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing



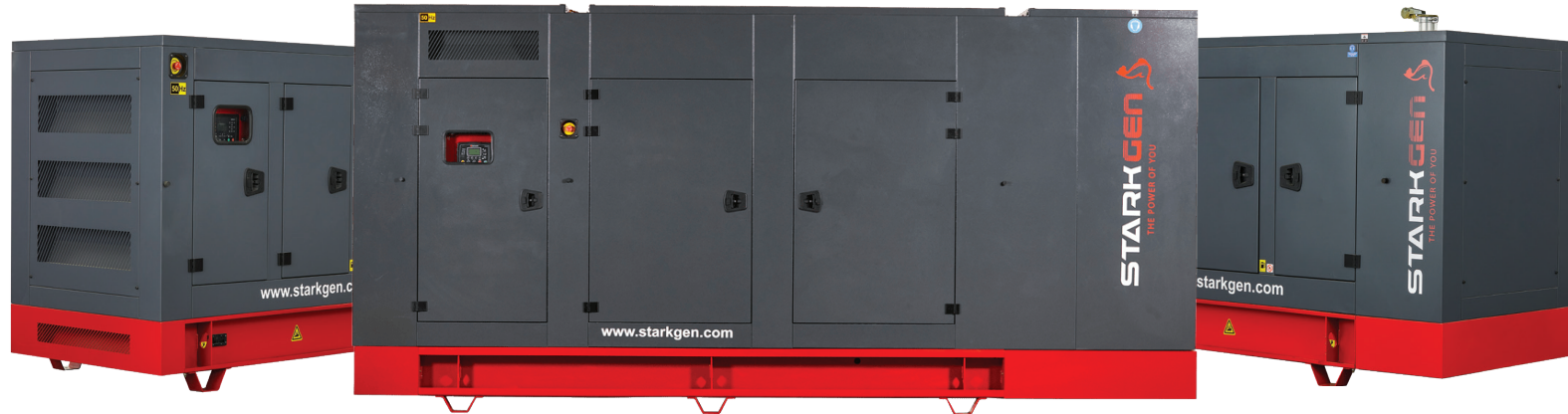
Open Type Dimensions and Weight

Width (mm)	1500
Length (mm)	3300
Height (mm)	2150
Weight (Kg)	3624
Fuel Tank Capacity (L)	680

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

Canopy Type Dimensions and Weight

Width (mm)	1500
Length (mm)	4600
Height (mm)	2904
Weight (Kg)	4324
Fuel Tank Capacity (L)	680



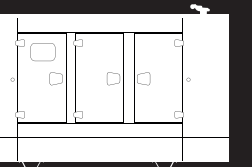
STARKGEN JENERATÖR PAZARLAMA ve TİC. AŞ

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



CORPORATION



Starkgen Jeneratör A.Ş.



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www.starkgen.com
www.asko.com.tr