SGT-45MX

Standby Power (kVA)	44	**Standby Current (A)**	64
Standby Power (kW)	35,2	**Prime Current (A)**	58
Prime Power (kVA)	40	**Nominal Voltage (V)**	400/231
Prime Power (kW)	32	**Engine Speed (r.p.m)**	1500
Power Factor (cos phi)	0,8	**Phase**	3

Engine Specifications

Engine Brand	MISAKI
Engine Model	MS3TG40
Standby Power (Kw/hp)	42/56,32
Engine Speed (r.p.m)	1500
Total Displacement (L)	2,7
Cylinder Arrangement	4 - L
Bore x Stroke (mm x mm)	90 x 105
Compretion Ratio	17.5:1
Governor Type	Mechanical
Aspiration System	Turbocharged
Injection	Direct
Cooling System	Water Cooled
Electrical System (VDC)	12
Oil Capacity (L)	7,1
Coolant Capacity (L)	10
Fuel Tank Capacity (L)	55
Maximum Exhaust Gas Temperature (°C)	630
Maximum Exhaust Gas Flow (m3/h)	211,6
Maximum Back Pressure (kPa)	10
Cooling Air Flow (m3/min)	0,039
Fuel Consumption at 50 % (L/h)	5,4
Fuel Consumption at 75 % (L/h)	7,01
Fuel Consumption at 100 % (L/h)	8,16
Cylinder Liner Type	Wet Type-Replacable
Air Filter Type	Dry Type-Replacable
Radiator	Tropical type up to 50 °C

Alternator Specifications

Alternator Brand	Lynx
Alternator Model	LX224D
Frequency (Hz)	50
Nominal Power (kVA)	50
Nominal Voltage (V)	400
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 (%)	89,1
THD	<1,5%
Connection Type	Star connection
Number of Wires	12
Poles	4 pole
Bearing Type	Single Bearing

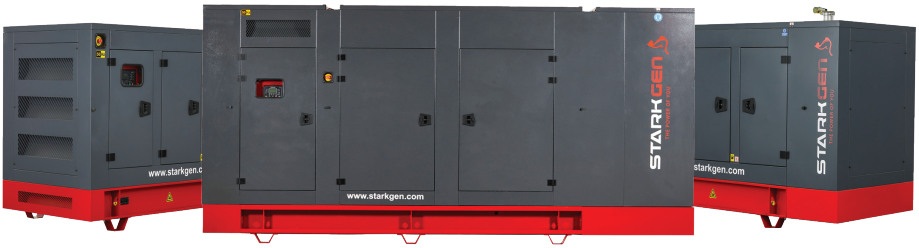
Open Type Dimensions and Weight

Width (mm)	1000
Length (mm)	1500
Height (mm)	1030
Weight (Kg)	860
Fuel Tank Capacity (L)	55

Canopy Type Dimensions and Weight

Width (mm)	1000
Length (mm)	2200
Height (mm)	1280
Weight (Kg)	1030
Fuel Tank Capacity (L)	55

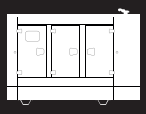
Starkgen reserves the right to introduce changes to models and features without prior notice



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



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