MOSA GE 12000 KSX GS-AVR

Product price:

4,620.00 € tax excluded

Product description:

MOSA GE12000 KSX/GS 12.1 KW

MOSA GE12000 KSX/GS single-phase 12.1 KW diesel-powered Kohler engine. The MOSA GE12000 KSX/GS generator set is equipped with electric start. The MOSA GE12000 KSX/GS generator set alternator is synchronous, single-phase, self-excited, self-regulated with class H insulation.

MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 297 kg as well as the practical pierceable base. The MOSA GE12000 KSX/GS generator set with 23-liter fuel tank has a fuel consumption of 2.8 liters/hour at 75% load for an autonomy of more than 8 hours.

Socket:
1x 230V 63A 2P+E CEE
1x 230V 32A 2P+E CEE
1x 230V 16A 2P+E CEE

Technical specifications MOSA GE12000 KSX/GS:

Single-phase Stand-by (LTP) output: 13.5 kVA (12.1 kW) / 230 V / 58.7 A
Single-phase PRP output: 12 kVA (10.8 kW) / 230 V / 52.5 A
Single-phase Stand-by output: 13. 5 kVA (12.1 kW) / 115 V / 117.4 A
Single-phase PRP output: 12 kVA (10.8 kW) / 115 V / 104.4 A
Frequency: 50 Hz
Cos ?: 0.9

ENGINE TECHNICAL DATA
Model: KOHLER KD 477/2
Net stand-by output: 14.9 kWm (20.3 hp)
Net PRP output: 13.5 kWm (18.4 hp)
Cylinders / Displacement: 2 / 954 cm³ (0.954 lt.)

Bore / Stroke: 90 / 75 (mm)
Compression ratio: 19 : 1
RPM controller: Mechanical
110 % (Stand-by power): 4. 1 lt./h
100 % PRP: 3.7 lt./h
75 % PRP: 2.8 lt./h
50 % PRP: 1.8 lt./h
Fan Air Flow: 13. 3 m³/min
Oil capacity in sump: 3 lt.
Full load oil consumption: 0.011 kg./h
Maximum exhaust gas flow: 3.48 m³/mim
Maximum exhaust gas temperature: 600 °C
Maximum back pressure: 6.7 kPa (0. 067 bar)
Electrical system: 12 Vdc
Starter motor power: 1.8 kW
Battery charge alternating capacity: 25 A
With cold starting device: - 15°C 1000 rpm / - 8°C 3000 rpm
Combustion air flow: 1.26 m³/min.

TECHNICAL DATA ALTERNATOR
Continuous power: 12 kVA
Standby power: 13.5 kVA
Single-phase voltage: 230/115 Vac
Frequency: 50 Hz
Cos ?: 1
Voltage regulation accuracy: ± 2 %
Sustained short-circuit current: 3 In
Transient cdt (100 % of load): 10 %
Yield at 100 % of load: 81. 2 % (230V - Cos? 1)
Isolation: Class H
Connection - Terminals: Series - N°4
Harmonic Distortion - THD: 5 %
Protection Class: IP 23
Coupling - Bearings: Direct B3/B9 cono38 - N°1
Voltage Regulator: AVR

GENERAL SPECIFICATIONS
Tank capacity: 23 lt.
Run time (75% of PRP): 8. 2 h
Starting battery: 12 Vdc - 44Ah
Measured acoustic power LwA: 96 dB(A) (71 dB(A) @ 7m)
Guaranteed acoustic power LwA: 96 dB(A) (71 dB(A) @ 7m)
Performance Class: G2
Length: 1320 mm
Width: 790 mm

Height: 750 mm
Weight: 297 Kg

MOSA GE12000 KSX/GS portable generator set - Kohler diesel engine electric start - Single phase alternator - Single phase power 12 kVA (10. 8 kW)

Features:
- Electronic AVR voltage regulation
- Fully openable one-piece enclosure that facilitates all maintenance operations
- Recessed control panel can be closed by padlock, It houses the sockets and controls of the machine
- Central lifting hook
- Prepared for use with automatic panel EAS
- Complies with EC directives for noise and safety

If you are looking for another product like the generator set MOSA GE12000 KSX/GS then you can see on our catalog other terrestrial generators.

Images and technical data are not binding.

Product features:

Phase: Single phase
Maximum power single phase (KW): 12.1
Continuous power single phase (KW): 10.8
Maximum power single phase (KVA): 13.5
Continuous power single phase (KVA): 12
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 230
Sockets configuration: 1 x 230V 63A 2P+T CEE - 1 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE
Engine: Kohler KD 477/2, 4 stroke
Emissions Regulations: Stationary Use
Engine rpm (rpm): 3000
Starting system: Electric
Engine capacity (cm^3): 954
Number cylinders: 2
Cooling: Air
Inyección : Direct
Alternator: Single-phase synchronous self-excited, self-regulated
Product type: Generator
ATS Switch device : Optional

Voltage regulator: AVR
Engine manufacturer: Kohler