



# MOSA GE 35 PSX

**Product price:**

**12.455,00 € tax excluded**

## **Product description:**

MOSA GE35 PSX 26,4 KW generating set

MOSA GE35 PSX threephase 26,4 KW generator set with Perkins diesel engine. The MOSA GE35 PSX generator set is equipped with electric start. The alternator of the MOSA GE35 PSX generator set is synchronous, threephase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

This MOSA compact and convenient to maneuver and transport thanks to its compact size, weighing 920 kg as well as its practical pierceable base.

The MOSA GE35 PSX genset with 65-liter tank has a fuel consumption of 5.4 liters/hour at 75% load for a 12-hour autonomy.

## **Sockets:**

1x 400V 63A 3P+N+T

1x 400V 32A 3P+N+T

1x 230V 32A 2P+T

2x 230V 16A 2P+T

## **Technical specifications:**

Threephase Stand-by output (LTP): 33 kVA (26.4 kW) / 400 V / 47.6 A

Threephase Stand-by output (LTP): 30 kVA (24 kW) / 400 V / 43.3 A

Singlephase PRP output: 11 kVA / 230 V / 47.6 A

Frequency: 50 Hz

Cos  $\phi$ : 0.8

## **MOTOR TECHNICAL DATA**

Model: PERKINS - 1103A-33G

Net standby output: 30.4 kWm (41.3 hp)



Net PRP output: 27.7 kWm (37.7 hp)  
Cylinders / Displacement: 3/ 3300 cm<sup>3</sup> (3.3 ltr.)  
Bore / Stroke: 105 / 127 (mm)  
Compression Ratio: 19.25 : 1  
BMEP (Effective Average Pressure) : 752 kPa - 684 kPa  
RPM Controller: Mechanical  
110 % (Standby Power): 7.9 lt./h  
100 % PRP: 7.1 lt./h  
75 % PRP: 5.4 lt./h  
50 % PRP: 3.9 lt./h  
Cooling system: Liquid  
Total capacity - motor only: 10.2 lt - 4.4 lt  
Fan air flow rate: 53 m<sup>3</sup>/min.  
Total oil capacity: 8.3 lt  
Sump oil capacity: 7.8 lt ÷ 6.2 lt.  
Full load oil consumption: Maximum exhaust gas flow rate: 5.8 m<sup>3</sup>/min.  
Max. exhaust gas temperature: 520 °C  
Max. back pressure: 8 kPa (0.08 bar)  
Electrical system: 12 Vdc  
Starter motor power: 3 kW  
Battery charging alternator capacity: 65 A  
Cold start: - 10°C  
With cold start device: - 25°C  
Air filter: Dry  
Combustion air flow: 2.16 m<sup>3</sup>/min  
From flue gas: 25 kW - 1423 Btu/min.  
From water and oil: 18 kW - 1025 Btu/min.  
Radiated to ambient: 6.0 kW - 342 Btu/min.

#### TECHNICAL DATA ALTERNATOR

Continuous power: 30 kVA  
Standby power: 33 kVA  
Three-phase voltage 380-415 Vac  
Frequency: 50 Hz  
A.V.R. model. : HVR-30  
Voltage regulation accuracy: ± 1 %  
Sustained short circuit current: 2.5In  
Transient Cdt (100% of load): 10 %  
Response time: ? 3 sec.  
Efficiency at 100% load: 87.1 % (400V - Cos ? 0.8)  
Isolation: Class H  
Connection - Terminals: Star - No. 16  
Electromagnetic compatibility: EN55011  
Harmonic distortion - THD: Direct synchronous - Xd: 243 %  
Direct transistor - X'd: 19 %

Direct subtransistor - X "d. 8 %  
Synchronous in quad. - Xq: 135 %  
Transitory - T'd: 0.01 sec  
Subtransitory - T "d: 0.005 sec  
Unloaded - T'do: 0.125 sec  
Short-circuit ratio Kcc: 0. 58  
Protection class: IP 23  
Cooling air flow rate: 0.115 m<sup>3</sup>/sec.  
Coupling | Bearings: Direct SAE 3 -11.5 ½ - No. 1

#### GENERAL SPECIFICATIONS

Tank capacity: 65 lt.  
Autonomy (75% of PRP): 12 h  
Acoustic power measured LwA: 90 dB(A) (65 dB(A) @ 7m)  
Acoustic power guaranteed LwA: 91 dB(A) (66 dB(A) @ 7m)  
Performance class: G2  
Length: 2030 mm  
Width: 870 mm  
Height: 1130 mm  
Weight: 920 Kg

MOSA GE35 PSX - Perkins diesel engine electric start - Three-phase alternator - Three-phase power 30 kVA (24 kW)

#### Features:

- Electronic AVR voltage regulation
- Fully openable engine side enclosure facilitating all maintenance operations
- Recessed control panel can be closed by padlock, It houses the sockets and controls of the machine
- Central lifting hook
- Supersilenced
- Prepared for use with automatic EAS (AMF + ATS)
- Complies with EC directives for noise and safety

If you are looking for another product like the generator set MOSA GE35 PSX then you can see on our catalog other terrestrial generators.

Images and technical data are not binding.

#### Product features:

Phase: Single phase / Three phase  
Continuous power single phase (KW): 8.8

---

Continuous power single phase (KVA): 11  
Maximum power three phase (KW): 26.4  
Continuous power three phase (KW): 24  
Maximum power three phase (KVA): 33  
Continuous power three phase (KVA): 30  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 1 x 400V 63A 3P+N+T CEE - 1 x 400V 32A 3P+N+T CEE - 1 x 230V 32A  
2P+T CEE - 2 x 230V 16A 2P+T CEE  
Engine: PERKINS 1103A-33G, 4 stroke naturally aspirated  
Emissions Regulations: Stationary Use  
Engine rpm (rpm): 1500  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 3300  
Number cylinders: 3  
Cooling: Water  
Inyección : Direct  
Alternator: Sincrono trifase, autoeccitato, autoregolato, senza spazzole  
Product type: Generator  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Perkins