



# MOSA GE 6000 YDM STAGE 5

**Product price:**

**1.746,09 € tax excluded**

## **Product description:**

MOSA GE6000 YDM 5,1 KW

MOSA GE6000 YDM is a single-phase generating set with a Yanmar diesel engine capable of delivering a maximum power of 5.1 KW. The MOSA GE6000 YDM generating set is equipped with a manual recoil starter. The MOSA GE6000 YDM generator set alternator is synchronous, single phase, self-excited, self-regulated and brushless with class H insulation.

MOSA is compact and convenient to maneuver and transport thanks to its compact size, its weight of 93 kg as well as the practical tubular handles.

The MOSA GE6000 YDM generator set with 5.5-liter tank has a fuel consumption of 1 liter/hour at 75% load for an autonomy of up to 5 hours.

The control panel consists of:

- Output sockets: 1x 230V 32A 2P+E CEE / 1x 230V 16A 2P+E CEE
- Thermal circuit breaker for protection of 230V/16A sockets
- Voltmeter
- Magnetothermal switch
- Earth terminal (PE)

## **Technical specifications MOSA GE6000 YDM:**

Single-phase output Stand-by (LTP): 5.7 kVA (5.1 kW) / 230V / 24.7A

Single-phase output PRP: 5 kVA (4.5 kW) / 230V / 21.7A

Frequency: 50 Hz

Cos  $\phi$ : 0.9

## **ENGINE TECHNICAL DATA**

Model: YANMAR L 100 N

Net stand-by output: 6.5 kWm (8.8 hp)





Net PRP output: 5.7 kWm (7.7 hp )  
Cylinders / Displacement: 1 / 435 cm<sup>3</sup> (0. 27 lt.  
Bore / Stroke: 86 / 75 (mm)  
Compression ratio: 20 : 1  
RPM controller: Mechanical  
110 % (Stand-by power): 200 g/kWh - 1. 5 lt./h  
100 % PRP: 200 g/kWh - 1.3 lt./h  
75 % PRP: 200 g/kWh - 1 lt./h  
50 % PRP: 220 g/kWh - 0.75 lt. /h  
Cooling system: Air  
Sump oil capacity: 1.6 lt.  
Maximum back pressure: 3.3 kPa (0.033 bar - 330 mmH<sub>2</sub>O)  
Cold start: 0°C

#### TECHNICAL DATA ALTERNATOR

Continuous power: 6 kVA  
Standby power: 6.6 kVA  
Single-phase voltage: 230 Vac  
Frequency: 50 Hz  
Cos  $\phi$ : 1  
Voltage regulation accuracy:  $\pm 5$  %  
Sustained short-circuit current: 3 In  
Transient Cdt (100% of load): 15 %  
Yield at 100% of load: 77. 5 % (230V - Cos  $\phi$  1)  
Insulation: Class H  
Connection - Terminals: Series - N°4  
Electromagnetic compatibility (Radio Interference Suppression): EN55011  
Harmonic distortion - THD: Protection class: IP 23  
Cooling air flow: 0.06/ m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609b - N°1

#### GENERAL SPECIFICATIONS

Tank capacity: 5.5 lt.  
Run time (75% of PRP): 5. 5 h  
Measured Acoustic Power LwA (LpA pressure): 99 dB(A) (74 dB(A) @ 7m)  
Performance Class: G2  
Length: 770 mm  
Width: 520 mm  
Height: 650 mm  
Weight: 93 Kg

#### Features:

- Recoil start
- Motor complete with tank and silencer
- Capacitor alternator





- Thermal magnetic circuit breaker
- 16A socket protection thermal circuit breaker
- LED voltmeter
- Fully protective open stretcher
- Portable
- Complies with CE safety directives
- STAGE 5 YANMAR motor

If you are looking for another product such as the MOSA GE6000 YDM generator set then you can browse our catalog for more terrestrial generator sets.

Images and technical data are not binding.

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#### **Product features:**

Phase: Single phase

Maximum power single phase (KW): 5.1

Continuous power single phase (KW): 4.5

Maximum power single phase (KVA): 5.7

Continuous power single phase (KVA): 5

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230

Engine: YANMAR L 100 V (Stage 5)

Emissions Regulations: Stage 5

Engine rpm (rpm): 3000

Speed governor: Mechanical

Ignition: Recoil

Starting system: Pull starter

Engine capacity (cm<sup>3</sup>): 435

Number cylinders: 1

Oil capacity (L): 1.6

Cooling: Air

Alternator: Synchronous self-excited, self-regulated, brushless

Bore x stroke (mm): 86 x 75

Compression ratio: 20 : 1