



# MOSA GE S-6000 YDM RECOIL STARTER STAGE 5

Product price:

**2,140.00 € tax excluded**

## Product description:

### MOSA GES-6000 YDM 5,1 KW

MOSA GES-6000 YDM is a single-phase generating set with a YANMAR L 100 N diesel engine capable of delivering a power of 5.1 KW. The MOSA GES-6000 YDM generating set is equipped with a manual recoil starter. The alternator of the MOSA GES-6000 YDM generator set 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 123 kg as well as its practical tubular handles.

The MOSA GES-6000 YDM generator set with 20-liter tank has a fuel consumption of 1 liter/hour at 75% load for up to 20 hours autonomy.

## Sockets:

1x230V 32A 2P+E CEE

1x230V 16A 2P+E CEE

1x230V 16A 2P+E Schuko

## Technical specifications MOSA GES-6000 YDM:

Single-phase output Stand-by (LTP): 5.7 kVA (5.1 kW) / 230V / 24.8A

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

Frequency: 50 Hz

Cos  $\phi$ : 0.9

## MOTOR 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>



Bore / Stroke: 86 / 75 (mm)  
Compression Ratio: 20 : 1  
RPM Control: Mechanical  
110 % (Stand-by Power): 1.5 lt. /h  
100 % PRP: 1.3 lt./h  
75 % PRP: 1 lt./h  
50 % PRP: 0.8 lt./h  
Cooling system: Air  
Sump oil capacity: 1.6 lt.  
Maximum back pressure: 4.3 kPa  
Starter motor power: 0.8 kW  
Battery charging alternating capacity: 15 A  
Cold starting: 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: 6 %  
Protection class: IP 23  
Cooling air flow: 0.06/ m<sup>3</sup>/sec  
Coupling - Bearings: Direct J609b - N°1

#### GENERAL SPECIFICATIONS

Tank capacity: 20 lt.  
Run time (75% of PRP): 20 h  
Battery starting: 12 Vdc -18Ah (AE)  
Measured acoustic power LwA (pressure LpA): 99 dB(A) (74 dB(A) @ 7m)  
Performance class: G2

MOSA GES-6000 YDM portable generator set - Yanmar diesel engine recoil start - Single phase alternator - Single phase power 5 kVA (4. 5 kW)

#### Features:

- Recoil start
- Engine stop for low oil level



- Circuit breaker
- Fuel level indicator
- Differential switch or insulation monitor (optional)
- Fully protective and partially enclosed stretcher
- Portable
- Complies with CE safety directives
- AVR version on request
- Electric start on request

If you are looking for another product like the MOSA GES-6000 YDM generator set then you can browse our catalog for more [terrestrial generators](#).

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

Sockets configuration: 1 x 230V 32A 2P+T CEE - 1 x 230V 16A 2P+T CEE - 1 x 230V 16A 2P+T SCHUKO

Engine: YANMAR L 100 V

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

Bore x stroke (mm): 86 x 75

Fuel tank capacity (L): 20

Consumption (L/h): 1 at 75% of the load

Running time (h): 20 at 75% of the load

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Acoustic pressure: 74 dB(A) at 7 m

Length (mm): 770

Width (mm): 520

Height (mm): 650

Dry weight (Kg): 123

Silenced: Yes

Super silenced: No

ATS Switch device : No

Voltage regulator: Capacitor / AVR (optional)