



MOSA GE 6000 YDM STAGE 5

Reference: CJ9P4000

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 φ: 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 cm³ (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 mmH₂O)

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 ϕ : 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 ϕ 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/ m³/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.

Technical Sheet

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 ³)	435
Number cylinders	1
Oil capacity (L)	1.6
Cooling	Air
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Bore x stroke (mm)	86 x 75
Compression ratio	20 : 1