



MOSA GE S-6000 YDM RECOIL STARTER STAGE 5

Reference: CK4P7010

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 φ: 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 cm³

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 φ: 1
Voltage regulation accuracy: ± 5 %
Sustained short-circuit current: 3 In
Transient Cdt (100% of load): 15 %
Yield at 100% of load: 77.5% (230V - Cosφ 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: 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.

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
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 ³)	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
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 ATS
Voltage regulator	Capacitor / AVR (optional)