



## 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 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.

## 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 <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
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)