

# MOSA GE SX-6500 YDT



Product price:

**3.720,00 € tax excluded**

## Product description:

MOSA GE SX-6500 YDT 5,2 KW super-silenced AVR generating set

MOSA GE SX-6500 YDT is a singlephase and threephase 5,2 KW diesel-powered generator set, with Yanmar engine, **super-silenced** and voltage regulator with **AVR** technology. The MOSA GE SX-6500 YDT is easily transportable thanks to the central lifting hook and with a sealed basement able to contain any leakage of liquids present in the engine, thus avoiding environmental pollution.

Even quieter and more efficient than traditional models, the MOSA GE SX-6500 YDT generator set delivers a stable and precise three-phase power of 5.2 KW suitable for powering sophisticated electronic equipment that is sensitive to variations in voltage and frequency.

It is therefore possible to quietly and easily enjoy all the small comforts of home wherever you are: lights, fans, a coffee machine, laptops, radio or TV.

The MOSA GE SX-6500 YDT generator set is equipped with a 23-liter capacity tank for up to 19 hours of continuous operation at 75% load.

The MOSA GE SX-6500 YDT generator set is set up to be connected to the **EAS** automatic start panel, allowing the machine to be used as an emergency power unit in the event of a main power failure from the commercial electrical grid.

The MOSA GE SX-6500 YDT generator set control panel houses the machine's outlets and controls, including the residual current circuit breaker, circuit breaker and thermal protection.

A **TCM** remote control is also available for the MOSA GE SX-6500 YDT genset, which allows engine start/stop up to 10 meters away from the machine.

The MOSA GE SX-6500 YDT genset is **suitable for a wide range of uses** such as construction, equipment rental, events.

Technical features of the MOSA GE SX-6500 YDT:

Three-phase Stand-by (LTP) output: 6.5 kVA (5.2 kW) /400V/ 9.4A

Three-phase PRP output: 5.7 kVA (4.6 kW) /400V/ 8.2A

Single-phase PRP output: 3.5 kVA/kW /230V/ 15.2A  
Frequency. 50 Hz  
Cos  $\phi$ : 0.8

#### MOTOR TECHNICAL DATA

Model: YANMAR L 100 V  
Net stand-by output: 6.3 kWm (8.5 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): 1.9 lt. /h  
100 % PRP: 1.7 lt./h  
75 % PRP: 1.2 lt./h  
50 % PRP: 0.8 lt./h  
Sump oil capacity: 1.6 lt.  
Maximum back pressure: 4.3 kPa (0.043 bar 440 mmH<sub>2</sub>O)  
Electrical system: 12 Vdc  
Starter motor power: 0.8 kW  
Battery charge alternating capacity: 15 A  
Cold starting: - 10°C

#### TECHNICAL DATA ALTERNATOR

Continuous power: 7 kVA  
Standby power: 7.7 kVA  
Single-phase voltage: 400 ÷ 415 Vac  
Frequency: 50 Hz  
Cos  $\phi$ : 0.8  
Voltage regulation accuracy:  $\pm$  1.5 %  
Sustained short circuit current: 3 I<sub>n</sub>  
Transient Cdt (100% load): Efficiency at 100% load: 81 % (400V - Cos  $\phi$  0.8)  
Isolation: Class H  
Connection - Terminals: Series - N°6  
Harmonic distortion - THD: Protection class: IP 23  
Coupling - Bearings: Direct J609b - N°1  
A.V.R. Model AVR-d

#### GENERAL SPECIFICATIONS

Tank capacity: 23 lt  
Range of autonomy (75% of PRP): 19 h  
Battery starting: 12 Vdc -37Ah / 330A CCA(EN)  
Acoustic power measured L<sub>wA</sub>: 91.6 dB(A) (66.6 dB(A) @ 7m)  
Guaranteed Acoustic Power L<sub>wA</sub>: 93 dB(A) (68 dB(A) @ 7m)  
Performance Class: G2

Length: 1040 mm  
Width: 650 mm  
Height: 911 mm  
Weight: 202 Kg

If you are looking for another product such as MOSA GE SX-6500 YDT generator set then you can browse our catalog for other overland generator sets.

Images and technical data are not binding.

### Product features:

Phase: Single phase / Three phase  
Continuous power single phase (KW): 2.8  
Continuous power single phase (KVA): 3.5  
Maximum power three phase (KW): 5.2  
Continuous power three phase (KW): 4.6  
Maximum power three phase (KVA): 6.5  
Continuous power three phase (KVA): 5.7  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Sockets configuration: 1 x 400V 16A 3P+N+T CEE IP67 - 1 x 230V 16A 2P+T CEE IP67 - 1 x 230V 16A 2P+T Schuko  
Engine: Yanmar L100V, 4 stroke  
Emissions Regulations: Stage 5  
Engine rpm (rpm): 3000  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 435  
Number cylinders: 1  
Oil capacity (L): 1.6  
Cooling: Air  
Alternator: Synchronous self-excited, self-regulated  
Fuel tank capacity (L): 23  
Consumption (L/h): 1.2  
Running time (h): 19  
Acoustic power: 93 dB(A)  
Acoustic pressure: 68 dB(A) at 7 m  
Length (mm): 1040  
Width (mm): 650  
Height (mm): 911  
Dry weight (Kg): 202  
Silenced: Yes

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Super silenced: Yes  
Product type: Generator  
ATS Switch device : Optional  
Voltage regulator: AVR  
Engine manufacturer: Yanmar