



## MOSA GE SX-7554 YDT

Reference: CE0P60U3

### MOSA GE SX-7554 YDT 5,6 KW Supersilenced Generator AVR

MOSA GE SX-7554 YDT is a 5,6 KW singlephase and threephase diesel-powered generator set, with Yanmar engine, **supersilenced** and with voltage regulator with **AVR** technology. The MOSA GE SX-7554 YDT is easily transportable thanks to the central lifting hook and with a sealed crankcase that can contain any leakage of the liquids present in the engine, avoiding environmental pollution.

Even quieter and more efficient than traditional models, the MOSA GE SX-7554 YDT genset delivers a stable and precise three-phase power of 5.6 KW suitable for powering sophisticated electronic equipment that is sensitive to voltage and frequency variations.

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

The MOSA GE SX-7554 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-7554 YDT genset 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-7554 YDT genset, allowing engine start/stop up to 10 meters away from the machine.

The MOSA GE SX-7554 YDT generator set is **suitable for a wide range of uses** such as construction, equipment rental, events.

#### Technical features of the MOSA GE SX-7554 YDT:

Three-phase Stand-by Output (LTP): 7 kVA (5.6kW) /400V/ 10.1A

Three-phase PRP Output: 6 kVA (4.8kW) /400V/ 8.7A

Single-phase PRP Output: 4.8 kVA/kW /230V/ 20.9A

Frequency: 50 Hz

Cos  $\phi$ : 0.8

#### MOTOR TECHNICAL DATA

Model: YANMAR L 100 V

Net standby output: 6.3 kWm (8.5 hp)

Net 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: 1.6 lt./h

50 % PRP: 1.2 lt./h

Sump oil capacity: 0.8 lt./h  
 Sump oil capacity: 1.6 lt  
 Maximum back pressure: 4.3 kPa (0.043 bar 440 mmH<sup>2</sup>O)  
 Electrical system: 12 Vdc  
 Starter motor power: 0.8 kW  
 Battery charge alternating capacity: 15 A  
 Cold start: - 10°C

#### TECHNICAL DATA ALTERNATOR

Continuous power: 9 kVA  
 Standby power: 10 kVA  
 Single-phase voltage: 380 ± 415 Vac  
 Frequency: 50 Hz  
 Cos φ: 0.8  
 Voltage regulation accuracy: ± 1 %  
 Sustained short circuit current: 3 In  
 Transient Cdt (100% load): < 25 %  
 Response time < 0.5 sec.  
 Isolation: Class F/H  
 Connection - Terminals: Series - No. 4  
 Harmonic Distortion - THD: < 5 %  
 Protection Class: IP 54  
 Coupling - Bearings: Direct J609b - No. 1  
 Voltage Regulator: AVR  
 A.V.R. Analogic Model

#### GENERAL SPECIFICATIONS

Tank capacity: 23 lt.  
 Range of autonomy (75% of PRP): 19 h  
 Starting battery 12 Vdc -37Ah / 330A CCA(EN)  
 Acoustic power measured LwA: 91.6 dB(A) (66.6 dB(A) @ 7m)  
 Guaranteed Acoustic Power LwA: 93 dB(A) (68 dB(A) @ 7m)  
 Performance Class: G2  
 Length: 1040 mm  
 Width: 650 mm  
 Height: 911 mm  
 Weight: 221 Kg

If you are looking for another product such as MOSA GE SX-7554 YDT generator set then you can browse our catalog for more [overland generator sets](#).

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KW)	3.8
Continuous power single phase (KVA)	4.8
Maximum power three phase (KW)	5.6
Continuous power three phase (KW)	4.8
Maximum power three phase (KVA)	7
Continuous power three phase (KVA)	6
Fuel	Diesel

Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	
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)	221
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
Engine manufacturer	Yanmar