



## MOSA GE 45 YSC GENERATOR SET 40 KVA

Reference: CN5K6051

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MOSA GE45 YSC threephase 36,8 kW generator set with Yanmar diesel engine. The MOSA GE45 YSC generator set is equipped with electric start. The alternator of the MOSA GE45 YSC generator set is synchronous, threephase, self-excited, self-regulated, brushless with class H insulation with AVR voltage regulator.

This MOSA is compact and convenient to maneuver and transport thanks to its compact size, with a weight of 1020 kg as well as its practical pierceable base. The MOSA GE45 YSC generator set with 55 liters tank has a fuel consumption of 7,4 liters/hour at 75% of the load for an autonomy of more than 7 hours.

Version with terminal board.

Also available in version with manual panel with sockets and version with automatic digital panel.

#### Technical specifications:

Threephase Stand-By output (LTP): 44 kVA (35,2 kW) / 400V / 63,5A

Threephase PRP output: 40 kVA (32 kW) / 400V / 57,7A

Singlephase PRP output: 15.5 kVA / 230V / 67.4 A

Frequency: 50 Hz

Cos  $\phi$ : 0.8

#### ENGINE TECHNICAL DATA

Model: YANMAR 4TNV98T

Net stand-by output: 41.9 kW (57 hp)

Net PRP output: 37.9 kW (51.5 hp)

Cylinders / Displacement: 4 / 3.3. lit.

Bore / Stroke: 98 / 110 (mm)

Compression ratio: 18.5 : 1

RPM controller: Mechanical

110 % (Standby power): 11 l/h

100 % PRP 9.8 l/h

75 % PRP 7.4 l/h

50 % PRP 5.1 l/h

#### TECHNICAL DATA ALTERNATOR

Continuous power: 42 kVA

Stand-by power: 47 kVA

Threephase voltage: 380-415 Vac

Frequency: 50 Hz

A.V.R. model: HVR-30 (3ph. sensing)

Voltage regulation accuracy:  $\pm 1.0 \%$

#### GENERAL SPECIFICATIONS

Tank capacity: 55 lt.  
 Run time (75% of PRP): 7.5 h  
 Measured acoustic power LwA: 95 dB(A) (70 dB(A) @ 7m)  
 Guaranteed acoustic power LwA: 97 dB(A) (72 dB(A) @ 7m)  
 Performance class: G2  
 Length: 2050 mm  
 Width: 900 mm  
 Height: 1420 mm  
 Weight: 1020 kg

#### Features:

- Electronic voltage regulation AVR
- Rounded edges to allow rainwater runoff
- Sealed basement able to contain any leakage of liquids present in the engine avoiding environmental pollution
- External plugs for oil and water drainage
- Fully openable engine side cowling that facilitates all maintenance operations
- Central lifting hook
- Control panel with digital control box
- Handling with forklifts is possible on all sides
- Supersilenced
- Complies with EC directives for noise and safety

If you are looking for another product like the generator set MOSA GE45 YSC then you can see on our catalog other [terrestrial generators](#).

Images and technical data are not binding.

### Technical Sheet

Phase	Single phase / Three phase
Continuous power single phase (KW)	12.4
Continuous power single phase (KVA)	15.5
Maximum power three phase (KW)	35.2
Continuous power three phase (KW)	32
Maximum power three phase (KVA)	44
Continuous power three phase (KVA)	40
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	Terminal box
Engine	Yanmar 4TNV98T, 4 stroke turbocharged
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Electric

Engine capacity (cm <sup>3</sup> )	4200
Number cylinders	4
Oil capacity (L)	11.2
Cooling	Water
Inyección	Direct
Alternator	Three-phase synchronous self-excited, self-regulated, brushless
Bore x stroke (mm)	98 x 110
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Yanmar