

MOSA GE 45 YSC GENERATOR SET 40 KVA



Product price:

12.335,93 € tax excluded

Product description:

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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 ϕ : 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
Three-phase voltage: 380-415 Vac
Frequency: 50 Hz
A.V.R. model: HVR-30 (3ph. sensing)
Voltage regulation accuracy: ± 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.

Product features:

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 (cm³): 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

Voltage regulator: AVR

Engine manufacturer: Yanmar