



MASE IS 16 SINGLE PHASE MARINE GENERATOR 15,3KW

Reference: MASEIS16

Super-silenced MASE IS16 marine generator 15,3 KW AVR

MASE IS16 single-phase 15,3 KW marine generator with 1500 rpm motor. The MASE IS16 marine generator is designed with a soundproof enclosure that makes it **supersilenced**. The MASE IS16 marine generator is built with Yanmar 3TNV88 diesel engine and synchronous, self-excited, self-regulated brushless alternator with **AVR** electronic voltage regulation and air/water cooling.

Technical Features:

Maximum single-phase power: 15.3 KW

Single-phase continuous use power: 13.7 KW

Fuel: Diesel

Voltage: 115V/230V

Frequency: 50Hz

Engine: Yanmar 3TNV88

Length: 1116 mm

Width: 586mm

Height: 730.5mm

Weight: 400 kg

AVR

Control panel

The CBU control panel of the MASE IS16 has been designed in such a way as to bring together, in a single panel, the commands, controls and protections of the generator. The elements that compose it are:

- Engine protection module for the automatic shutdown of the generator set in case of high water temperature, low oil pressure, high alternator temperature.
- Operating hours counter.
- Start and stop switch.
- Magnetothermal switch for the protection of the generator in case of overload or short circuit.
- Thermal switch for the protection of the DC circuit

Soundproof Cabin

The sound-proof cabin of the MASE IS 16, of excellent design and new planning, is constituted by a carrying structure in aluminum profile that supports panels in marine aluminum painted type 5754 remarkably light and of high resistance to the external agents. The excellent accessibility to the internal compartment makes maintenance operations easier even when the MASE IS16 is installed in narrow spaces.

Cooling system

The cooling of the engine of the MASE IS16 is done by circulating coolant in a closed circuit. The system is composed of a cupronickel exchanger, inside of which the heat exchange between coolant and sea water takes place. Two separate pumps circulate the coolant and seawater in the MASE IS16. The cooling of the air, circulating inside the machine, is obtained through heat exchanger sea water / air.

If you are looking for another generator like the IS16 then you can see the entire catalog of [marine gensets](#).

Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	15.3
Continuous power single phase (KW)	13.7
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	115 / 230
Engine	Yanmar 3TNV88, 4 stroke
Engine rpm (rpm)	1500
Speed governor	Centrifugal, mechanical
Engine capacity (cm ³)	2190
Number cylinders	3
Oil capacity (L)	7.4
Cooling	Air / water (Intercooler W/A)
Inyección	Direct
Alternator	Synchronous self-excited, brushless
Poles	4

Compression ratio	19.1 : 1
Lubrication	Forced
Consumption (L/h)	5.6 at 100% of the load
Length (mm)	1116
Width (mm)	586
Height (mm)	730.5
Dry weight (Kg)	400
Silenced	Yes
Super silenced	Yes
Product type	Generator
Voltage regulator	AVR
Engine manufacturer	Yanmar