



## MASE IS 10.5 T MARINE GENERATOR THREE-PHASE 10KVA

Reference: MASE IS 10.5 T

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MASE IS10,5T three-phase 10 KVA marine generator with 1500 rpm motor. The MASE IS10.5T three-phase marine generator is designed with a soundproof enclosure that makes it **over-silenced**. The MASE IS10.5T three-phase is built with a Yanmar diesel-powered engine and synchronous, self-excited, brushless self-regulated alternator with electronic **AVR** voltage regulation and air/water cooling. The AVR voltage regulator protects your sensitive devices by preventing voltage fluctuations. With its small size it is also suitable on small boats.

#### Technical Features:

Phase Type: Three Phase  
Maximum Power: 10KVA  
Fuel: Diesel  
Voltage: 400 V  
Frequency: 50 Hz  
Motor: Yanmar 3TNV80F, 4 Stroke  
Mechanical Power: 12.74 Hp  
Number of cylinders: 3  
Displacement: 1267 cc  
RPM controller: Centrifugal, mechanical  
Engine RPM: 1500 rpm  
Acoustic power: 49 dBA @ 7 m  
Length: 837 mm  
Width: 568 mm  
Height: 688 mm  
Weight: 295 Kg

#### Control panel

The CBU control panel of the MASE IS10,5T has been designed in order to gather, in a single panel, the commands, the controls and the protections of the generator. The elements that compose it are:

- Engine protection module for the automatic stop of the generating set in case of high water temperature, low oil pressure, high alternator temperature.
- Operating hour meter.
- 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 direct current circuit

#### Motor

- Easy access for maintenance of fuel and lubrication systems, sea water pump and air filter.
- Safety stop for low oil pressure.
- Safety stop for high water and exhaust gas temperature.
- Double vibration damping system.
- Easy access oil and fuel filter.
- Oil extraction pump.

## Alternator

- Synchronous, 4-pole, self-excited, brushless self-regulated with electronic AVR voltage regulation.
- Rotor and stator are epoxy coated to prevent corrosion.
- Dynamically balanced rotor.
- Class H insulation.

## Soundproof Cabin

The soundproof cabin of the MASE IS10,5T of excellent design and new design, consists of a supporting structure in aluminum profile that supports panels in marine aluminum painted type 5754 remarkably light and very high resistance to external agents. The excellent accessibility to the internal compartment makes maintenance operations easier even with the MASE IS10,5T marine generator installed in narrow spaces.

## The W/A intercooler

Allows you to completely free the generator set from external environmental conditions, allowing the alternator and the engine to work at ideal temperature optimizing the performance and reliability of the machine.

If you are looking for another generator like the IS10,5T then you can see the entire catalog of [marine gensets](#).

Images and technical data are not binding.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KVA)	10
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Engine	Yanmar 3TNV80F
Engine rpm (rpm)	1500
Speed governor	Centrifugal, mechanical
Engine capacity (cm <sup>3</sup> )	1267
Number cylinders	3

Cooling	Air / water (Intercooler W/A)
Inyección	Direct
Alternator	Synchronous, self-excited
Poles	4
Lubrication	Forced
Consumption (L/h)	2.9 at 100% of the load
Acoustic pressure	49 dB(A) at 7 m
Length (mm)	837
Width (mm)	568
Height (mm)	688
Dry weight (Kg)	295
Inverter	No
AVR	Yes
Compound	No
Silenced	Yes
Super silenced	Yes
Product type	Generator
Voltage regulator	AVR
Engine manufacturer	Yanmar