

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



Product price:

**20.200,00 € tax excluded**

## Product description:

MASE IS 10.5 T THREE-PHASE MARINE GENERATOR 10KVA

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.





**Product features:**

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

