



# MASE MARINER1680T THREE-PHASE MARINE GENERATOR 16,8KVA 60Hz

## Product description:

MASE MARINER1680T THREE-PHASE MARINE GENERATOR 16,8KVA 60Hz

MASE MARINER1680T single/three-phase marine generator equipped with a YANMAR 3TNV80F engine, powered by diesel and capable of delivering a maximum power of 16.8 KW at 1800 rpm.

The MASE MARINER1680T alternator is a 4-pole synchronous, self-regulated, self-excited, brushless, which in conjunction with the YANMAR engine can deliver a maximum power of 16,8KVA. The rotor and the stator are coated with epoxy paint to prevent the attack of atmospheric agents, in addition it is equipped with safety systems of self-stop in case of high temperatures detected on the windings. The alternator is complete with AVR voltage regulator that ensures the stability of the voltage delivered by the marine generator, delivering current like the home one.

The control panel of the marine generator MASE MARINER1680T has been designed in order to reduce, in a single panel, the commands, controls and protections. The elements that compose it are:

- Engine protection module for automatic shutdown in case of high water temperature, low oil pressure, high alternator temperature;
- Hour meter;
- Circuit breaker for protection in case of overload or short circuit;
- Thermal circuit breaker for DC circuit protection.

The AVR of the MASE MARINER1680T is an electronic device capable of automatically regulating the voltage and possibly the frequency and/or the electric current according to set values. These values can be modified or bound to the technical characteristics of the regulator itself.





Basically, thanks to an AVR, the alternating current coming from the alternator is regulated and transformed into direct current at constant voltage.

#### MASE MARINER1680T TECHNICAL SPECIFICATIONS:

Phase Type: Single Phase / Three Phase

Maximum Power: 16.8 KVA

Maximum Power: 13.5 KW

Fuel: Diesel

Voltage: 240 / 480 V

Frequency: 60 Hz

Alternator: Synchronous, 4 Pole

Voltage Regulator: AVR

Motor: YANMAR 3TNV88, 4 Stroke

Mechanical output: 20. 4 Hp

Number of cylinders: 3

Displacement: 1642 cc

RPM controller: Centrifugal mechanical

Engine speed: 1800 rpm

Fuel consumption: 4 l/h

Length: 875 mm

Width: 570 mm

Height: 664 mm

Weight: 294 Kg

Looking for a marine generator with different technical features? Here you can find the full range of marine generators MASE or other specialized brands.

Images and technical data are not binding.

#### Product features:

Phase: Single phase / Three phase

Maximum power three phase (KW): 13.5

Maximum power three phase (KVA): 16.8

Fuel: Diesel

Frequency (Hz): 60

Voltage (V): 240 / 480

Engine: YANMAR 3TNV88

Engine rpm (rpm): 1800

Speed governor: Centrifugal, mechanical

Engine capacity (cm<sup>3</sup>): 1642

Number cylinders: 3





Cooling: Air

Inyección : Direct

Alternator: Synchronous, self-excited

Poles: 4

Lubrication: Forced

Consumption (L/h): 4 at 100% of the load

Length (mm): 875

Width (mm): 570

Height (mm): 664

Dry weight (Kg): 294

Inverter: No

AVR: Yes

Compound: No

Silenced: No

Super silenced: No

Voltage regulator: AVR

Engine manufacturer: Yanmar