

MASE MARINER 1900 SINGLE PHASE MARINE GENERATOR 18.4KW

Reference: MARINER 1900



MASE MARINER 1900 SINGLE-PHASE MARINE GENERATOR 18.4KW

MASE MARINER1900 single-phase marine generator is equipped with a YANMAR 4TNV88 engine, powered by diesel capable of delivering a maximum power of 18.4 KW at 1800 rpm.

The MASE MARINER1900 is built with and synchronous alternator, self-excited with air cooling, it is extremely compact and powerful, suitable even on small boats.

An AVR voltage regulator is essential to make the latest generation of synchronous generators work at their best. We are talking about AC electric motors, whose rotation speed is synchronized with the electric frequency. The voltage regulator, applied to synchronous current generators, has as its objective the maintenance of a constant operation of the machine, in its regime of greater efficiency.

The MASE MARINER1900 alternator is a 4-pole synchronous, self-regulated, self-excited, brushless alternator, which in combination with the powerful YANMAR engine can deliver a maximum power of 18.4KW. The cooling of the engine of the MASE MARINER1900 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 provide for the circulation of the coolant and seawater in the MASE MARINER1900.

TECHNICAL FEATURES MASE MARINER1900

Phase Type: Single Phase
Maximum Power: 18.4 KW
Continuous Use Power: 16.7 KW
Fuel: Diesel
Voltage: 120 - 240 V
Frequency: 60 Hz
Alternator: Synchronous, 4-pole Brushless
Voltage Regulator: AVR
Motor: YANMAR 4TNV88, 4 Stroke
Mechanical Power: 29.4 Hp
Number of Cylinders: 4
Displacement: 2190 cc
RPM Regulator: Mechanical Centrifugal
Engine RPM: 1800 rpm
Fuel Consumption: 6.2 l/h
Length: 1000 mm
Width: 570 mm
Height: 670 mm
Dry weight: 395 Kg

If you are looking for another MASE marine generator then you can browse the entire catalog of [marine generator](#).

Images and technical data are not binding.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	18.4
Continuous power single phase (KW)	16.7
Fuel	Diesel
Frequency (Hz)	60
Voltage (V)	120 / 240
Engine	Yanmar 4TNV88, 4 stroke
Engine rpm (rpm)	1800
Speed governor	Centrifugal, mechanical
Engine capacity (cm ³)	2190
Number cylinders	4
Oil capacity (L)	7.4
Cooling	Air
Inyección	Direct
Alternator	Synchronous, self-excited
Poles	4
Lubrication	Forced
Consumption (L/h)	6.2 at 100% of the load
Length (mm)	1000
Width (mm)	570
Height (mm)	670
Dry weight (Kg)	395
Inverter	No
AVR	Yes
Compound	No
Silenced	No
Super silenced	No
Voltage regulator	AVR