



## MASE IS 7 SINGLE PHASE MARINE GENERATOR 6.7KW

Reference: 002773

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MASE IS7 single-phase marine generator with Yanmar 3TNV76 engine with diesel power supply at 1500 rpm capable of delivering a power of 6.7KW.

The MASE IS7 marine generator is made up of a soundproof cabin with a supporting structure in aluminium profile which supports panels in marine painted aluminium type 5754 extremely light and of very high resistance to external agents. The excellent accessibility to the internal compartment makes maintenance operations easier even with the generator set installed in narrow spaces.

The MASE IS7 thanks to the low engine speed and the soundproof cabin has a surprisingly low noise emission of only 49 dB (A) at 7 meters.

The marine generator CBU control module has a new design, the latest technology, a large display and micro-buttons for quick navigation of menus, start and stop procedures; IP54 protection rating. Very compact, 86x124mm and equipped with 10mts shielded cable, the CBU module has multiple functions for complete monitoring of the MASE IS7.

The W/A Intercooler allows the MASE IS7 to be completely free from external environmental conditions, allowing the alternator and the engine to work at an ideal temperature, optimizing the performance and reliability of the machine

The engine is cooled by circulating coolant in a closed circuit. The system is composed of a cupronickel exchanger, inside which the heat exchange between coolant and sea water takes place. Two separate pumps circulate the coolant and seawater. The cooling of the air, circulating inside the MASE IS7t, is obtained through a sea water/air heat exchanger. The air flows guarantee an effective cooling of the alternator and the achievement of an optimal temperature for the performance and reliability of the machine. This system has the advantage of ensuring the best operating conditions of the generator set regardless of the ambient temperature of the accommodation compartment.

#### **Technical characteristics:**

Maximum power: 6.7 KW  
Continuous use power: 6.2 KW  
Fuel: Diesel  
Voltage: 115 V / 230 V  
Frequency: 50 Hz  
Engine: Yanmar 3TNV76  
Engine revs: 1500 rpm  
Length: 760 mm  
Width: 530 mm  
Height: 625 mm  
Weight: 230 Kg

If you are looking for another generator like the MASE IS7 then you can browse the entire catalog of [marine gensets](#).

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	6.7
Continuous power single phase (KW)	6.2
Maximum power single phase (KVA)	6.7
Continuous power single phase (KVA)	6.2
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	115 / 230
Engine	Yanmar 3TNV76, 4 stroke
Engine rpm (rpm)	1500
Speed governor	Centrifugal, mechanical
Engine capacity (cm <sup>3</sup> )	
Number cylinders	3
Oil capacity (L)	3.5
Cooling	Air / water (Intercooler W/A)
Inyección	Indirect
Alternator	Synchronous, self-excited
Poles	4
Lubrication	Forced
Consumption (L/h)	2.3 at 100% of the load
Acoustic pressure	49 dB(A) at 7 m
Length (mm)	760
Width (mm)	530
Height (mm)	625
Dry weight (Kg)	230
Inverter	No
AVR	No
Compound	No
Silenced	Yes
Super silenced	Yes
Compression ratio	23.5 : 1

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Product type	Generator
Engine manufacturer	Yanmar

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