



# MASE IS 11.5 K SINGLE PHASE MARINE GENERATOR 12.5KVA AVR

Product price:

**23,350.00 € tax excluded**

Product description:

## MASE IS 11.5 K SINGLE-PHASE MARINE GENERATOR 12.5KVA

MASE IS 11,5 K three-phase marine generator with Kubota V1505-E4BG1 diesel engine delivers a power of 12,5KVA, **complete with AVR voltage regulator.**

MASE IS 11.5 K is designed with a soundproofing cabin which makes it **super silenced**. The soundproofing cabin of the MASE IS 11.5 K is made up of a supporting structure in aluminum profile which supports extremely light and extremely light 5754 painted marine aluminum panels with very high resistance to external agents. The excellent accessibility to the internal compartment makes maintenance interventions easier even with the marine generator installed in confined spaces.

The MASE IS 11.5 K marine generator is equipped with a control unit that allows you to view the fuel reserve, water temperature, oil pressure, belt integrity, high-low speed.

## AVR VOLTAGE REGULATOR

The AVR is essential to make the generator work at its best, it all requires an electronic control system, an AVR in fact, which guarantees the proper functioning of the machine and the electrical network underlying it.

The purpose of the AVR in a power source is to keep the output stable. And if its operation is very simple when resistive loads are supplied, the situation is more complex in the case of mainly inductive loads: the delayed phase-shifted current contrasts the inductor magnetic field, causing a voltage drop at the alternator output terminals. ; to compensate for the phenomenon, the AVR intervenes automatically by increasing the excitation current, until the output returns to the nominal value.



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### Technical features MASE IS 11,5 K:

Phase type: Single phase  
Maximum power: 12.5 KVA / 12.5 KW  
Continuous power: 11.5 KVA / 11 , 5 KW  
Fuel: Diesel  
Voltage: 115 - 230 V  
Frequency: 50 Hz  
Engine: Kubota V1505-E4BG1  
Mechanical power: 16.8 Hp  
Number of cylinders: 4  
Displacement: 1498 cc  
Speed ??regulator: Mechanical  
Engine rpm: 1500 rpm  
Consumption: 4.1 l / h  
Acoustic power: 50 dBA @ 7 m  
Voltage regulator: AVR  
Length: 975mm  
Width: 571 mm  
Height: 610 mm  
Weight: 355 Kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the area dedicated to MASE marine generators or other specialized brands.

Non-binding images and technical data.

### Product features:

Phase: Single phase  
Maximum power single phase (KW): 12.5  
Continuous power single phase (KW): 11.5  
Maximum power single phase (KVA): 12.5  
Continuous power single phase (KVA): 11.5  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 115 - 230 V  
Engine: Kubota V1505-E4BG1  
Engine rpm (rpm): 1500  
Speed governor: Mechanical  
Engine capacity (cm<sup>3</sup>): 1498

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Number cylinders: 4  
Oil capacity (L): 6.7  
Cooling: Air / water (Intercooler W/A)  
Inyección : Direct  
Alternator: Synchronous, self-excited  
Poles: 4  
Lubrication: Forced  
Consumption (L/h): 4.1 at 100% of the load  
Acoustic pressure: 50 dB(A) at 7 m  
Length (mm): 975  
Width (mm): 571  
Height (mm): 610  
Dry weight (Kg): 355  
Silenced: Yes  
Super silenced: Yes  
Product type: Generator  
Voltage regulator: AVR  
Engine manufacturer: Kubota