Man.El.Service Srl
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Via Carlo Pittara 46 - 10151 Torino (TO) - Italy
PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

MASE IS 11.5 K SINGLE PHASE MARINE GENERATOR 12.5KVA AVR

Reference: IS 11.5 K

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.

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

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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.

Technical Sheet

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^3)	1498
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

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Silenced	Yes
Super silenced	Yes
Product type	Generator
Voltage regulator	AVR
Engine manufacturer	Kubota