



## MASE VOYAGER 4010 DM VEHICLE GENERATOR 4KVA SINGLE-PHASE AVR STAGEV

Reference: 003374

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MASE VOYAGER 4010 DM single-phase vehicle generator with Yanmar L70V **StageV** diesel engine delivers a power of 4KVA, **complete with AVR voltage regulator.**

The MASE VOYAGER 4010 DM vehicle generator is equipped with a soundproofing cabin that makes it super silenced, with a sound emission of 64 dB (A) at a distance of 7 m. The painted aluminum soundproof booth is extremely light and highly resistant to external agents.

The MASE VOYAGER 4010 DM allows easy access for maintenance of the feeding and lubrication systems, the sea water pump, the air filter, the oil filter and the fuel. in addition, it is equipped with self-stop safety systems for low oil pressure and high engine or exhaust gas temperatures. The synchronous alternator of the generator coupled with the Yanmar engine is able to deliver a maximum power of 4 KW.

#### AVR VOLTAGE REGULATOR

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.

#### STAGEV EMISSIONS REGULATION

The MASE VOYAGER 4010 DM is equipped with a "mobile" STAGEV motorization, as required by the 2016/1628 European Regulation. These new engines make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a reduction of the environmental impact of 200% compared to standard engines.

TECHNICAL FEATURES MASE VOYAGER 4010 DM:

Phase type: Single-phase  
Maximum Power: 4 KVA / 3.2 KW  
Continuous Power: 3.75 KVA / 3 KW  
Fuel: Diesel  
Voltage: 230 V  
Frequency: 50 Hz  
Engine: Yanmar L70V  
Mechanical power: 6 Hp  
Number of cylinders: 1

Displacement: 320 cc  
Engine rpm: 3000 rpm  
Emissions standard: StageV  
Consumption: 1 l / h at 75% load  
Acoustic Pressure: 64 dBA @ 7 m  
Voltage regulator: AVR  
Length: 640 mm  
Width: 500 mm  
Height: 500 mm  
Weight: 120 Kg

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

Non-binding images and technical data.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	3.2
Continuous power single phase (KW)	3
Maximum power single phase (KVA)	4
Continuous power single phase (KVA)	3.75
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	Yanmar L70N, 4 stroke
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Speed governor	Centrifugal, mechanical
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	320
Number cylinders	1
Oil capacity (L)	1.1
Cooling	Air
Inyección	Direct
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Poles	2
Lubrication	Forced

Consumption (L/h)	1 at 75% of the load
Acoustic pressure	64 dB(A) at 7 m
Length (mm)	640
Width (mm)	500
Height (mm)	500
Dry weight (Kg)	120
Inverter	No
AVR	Yes
Compound	No
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Yanmar