



## MASE VOYAGER 9010 DM GENERATOR 10,3KVA SINGLE-PHASE VEHICLE AVR STAGEV

Reference: 002743

### MASE VOYAGER 9010 DM GENERATOR 10,3KVA SINGLE-PHASE VEHICLE AVR STAGEV

MASE VOYAGER 9010 DM single-phase vehicle generator with Kubota D722 **StageV** diesel engine delivers a power of 10,3KVA, complete with **AVR voltage regulator**.

The MASE VOYAGER 9010 DM vehicle generator guarantees efficient and silent operation thanks to the Kubota D722 StageV engine, which allows to deliver a maximum power of 10.3 KVA.

The MASE VOYAGER 9010 DM has a low fuel consumption, in fact it consumes only 3.3 liters / hour at 75% of the load, in addition it is equipped with a soundproofing cabin that makes it super silenced, with a sound emission of 62 dB (A) at a distance of 7 m. The painted aluminum soundproof booth is extremely light and highly resistant to external agents.

#### 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 9010 DM is equipped with a "mobile" STAGEV motorization, as required by the European Regulation 2016/1628. 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 9010 DM:

Phase Type: Single Phase  
Maximum Power: 10.3 KVA / 8.24 KW  
Continuous Power: 9.4 KVA / 7.5 KW  
Fuel: Diesel  
Voltage: 230 V  
Frequency: 50 Hz  
Engine: Kubota D722  
Number of cylinders: 3  
Displacement: 719 cc  
Engine revolutions: 3000 rpm  
Emissions standard: StageV

Consumption: 3.3 l / h at 75% load  
 Acoustic Pressure: 62 dBA @ 7 m  
 Voltage regulator: AVR  
 Length: 1010 mm  
 Width: 550 mm  
 Height: 560 mm  
 Weight: 220 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)	8.24
Continuous power single phase (KW)	7.5
Maximum power single phase (KVA)	10.3
Continuous power single phase (KVA)	9.4
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	KUBOTA D722, 4 stroke
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Speed governor	Centrifugal, mechanical
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	719
Number cylinders	3
Oil capacity (L)	3.2
Cooling	Water
Inyección	Indirect
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Poles	2
Lubrication	Forced
Consumption (L/h)	3.3 at 75% of the load
Acoustic pressure	62 dB(A) at 7 m
Length (mm)	1010

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Width (mm)	550
Height (mm)	560
Dry weight (Kg)	220
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Kubota

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