



MASE VOYAGER 12 DM GENERATOR 14KVA VEHICLE SINGLE-PHASE AVR STAGEV

Reference: 002746

MASE VOYAGER 12 DM GENERATOR 14KVA VEHICLE SINGLE-PHASE AVR STAGEV

MASE VOYAGER 12 DM single-phase vehicle generator with Yanmar 3TNV88 engine **StageV** diesel fueled delivers a power of 14KVA, **complete with AVR voltage regulator**.

The MASE VOYAGER 12 DM vehicle generator is equipped with a soundproofing cabin that makes it super silenced, with a sound emission of 62dB (A) at a distance of 7 m. The painted aluminum soundproof booth is extremely light and highly resistant to external agents.

The soundproof cabin allows easy access for maintenance of the fuel and lubrication systems, the water pump, the air filter, the oil filter and the fuel.

MASE VOYAGER 12 DM is equipped with a ComAp IntelliNano control unit that allows you to control and verify all the main functions of the unit and, if necessary, will report any failure or error in the operation of the machine.

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 12 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 12 DM:

Phase type: Single-phase
Maximum Power: 14 KVA / 11.2 KW
Continuous Power: 12.75 KVA / 10.2 KW
Fuel: Diesel
Voltage: 230 V
Frequency: 50 Hz
Engine: Yanmar 3TNV88
Mechanical power: 18.1 Hp
Number of cylinders: 3

Displacement: 1642 cc
 Engine rpm: 1500 rpm
 Emissions standard: StageV
 Consumption: 2.7 l / h at 75% load
 Acoustic power: 62 dBA @ 7 m
 Voltage regulator: AVR
 Length: 1440 mm
 Width: 650 mm
 Height: 810 mm
 Weight: 485 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)	11.2
Continuous power single phase (KW)	10.2
Maximum power single phase (KVA)	14
Continuous power single phase (KVA)	12.75
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	Yanmar 3TNV88, 4 stroke naturally aspirated
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Starting system	Electric
Engine capacity (cm ³)	1642
Number cylinders	3
Oil capacity (L)	4.8
Cooling	Water
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Poles	4
Consumption (L/h)	2.7 at 75% of the load
Acoustic pressure	62 dB(A) at 7 m
Length (mm)	1440
Width (mm)	650

Height (mm)	810
Dry weight (Kg)	485
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Yanmar
