



MASE VOYAGER 10.3 DT GENERATOR 10KVA VEHICLE SINGLE-PHASE / THREE-PHASE AVR STAGEV

Reference: 003750

MASE VOYAGER 10.3 DT GENERATOR 10KVA VEHICLE SINGLE-PHASE / THREE-PHASE AVR STAGEV

MASE VOYAGER 10,3 DT single / three-phase vehicle generator with Yanmar 3TNV80F **StageV** diesel engine delivers a power of 10KVA, **complete with AVR voltage regulator**.

The MASE VOYAGER 10.3 DT vehicular generator is equipped with a soundproofing cabin that makes it super silenced, with a sound emission of 55dB (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.

The MASE VOYAGER 10.3 DT 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.

MASE VOYAGER 10.3 DT has a low fuel consumption, in fact it consumes only 2.2 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 58 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.

TECHNICAL FEATURES MASE VOYAGER 10,3 DT:

Phase type: Single / Three-phase
Maximum singlephase power: 3.3 KVA / 2.64 KW
Continuous singlephase power: 3 KVA / 2.4 KW
Maximum threephase power: 10 KVA / 8 KW
Threephase Continuous power: 9 KVA / 7.2 KW
Fuel: Diesel
Voltage: 230 - 400 V
Frequency: 50 Hz
Engine: Yanmar 3TNV80F
Number of cylinders: 3

Displacement: 1267 cc
 Engine rpm: 1500 rpm
 Emissions standard: StageV
 Consumption: 2.2 l / h at 75 % of load
 Acoustic Pressure: 58 dBA @ 7 m
 Voltage regulator: AVR
 Length: 1070 mm
 Width: 560 mm
 Height: 660 mm
 Weight: 320 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 / Three phase
Maximum power single phase (KW)	2.64
Continuous power single phase (KW)	2.4
Maximum power single phase (KVA)	3.3
Continuous power single phase (KVA)	3
Maximum power three phase (KW)	8
Continuous power three phase (KW)	7.2
Maximum power three phase (KVA)	10
Continuous power three phase (KVA)	9
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine	Yanmar 3TNV82A, 4 stroke
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Speed governor	Centrifugal, mechanical
Starting system	Electric
Engine capacity (cm ³)	1330
Number cylinders	3
Oil capacity (L)	5.2
Cooling	Water

Inyección	Direct
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Poles	4
Lubrication	Forced
Consumption (L/h)	2.2 at 75% of the load
Acoustic pressure	58 dB(A) at 7 m
Length (mm)	1070
Width (mm)	560
Height (mm)	660
Dry weight (Kg)	320
Inverter	No
AVR	Yes
Compound	No
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Yanmar