



MASE VOYAGER 6020 DM GENERATOR 7,5KVA VEHICULAR SINGLE PHASE AVR STAGEV

Reference: 002551

MASE VOYAGER 6020 DM 7.5KVA VEHICLE SINGLE-PHASE GENERATOR AVR STAGEV

MASE VOYAGER 6020 DM single-phase vehicle generator with diesel-powered Kubota Z482 **StageV** engine delivers a power of 7,5KVA, **complete with AVR voltage regulator**.

The MASE VOYAGER 6020 DM is designed with a soundproof booth that makes it **super silenced**. The soundproofing cabin of the MASE VOYAGER 6020 DM generator 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 generator installed in confined spaces.

VOLTAGE REGULATOR AVR

The purpose of the AVR, in a current generator, is to keep the output stable. And if its operation is very simple when resistive loads are fed, more complex is the matter in case of prevalently inductive loads: the delayed current opposes the inductor magnetic field, causing a voltage drop at the alternator output terminals; to compensate the phenomenon, the AVR intervenes automatically increasing the excitation current, until the output returns to the nominal value.

STAGEV EMISSIONS REGULATION

The MASE VOYAGER 6020 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 6020 DM:

Phase type: Single-phase
Maximum Power: 7.5 KVA / 6 KW
Continuous Power: 6.9 KVA / 5.5 KW
Fuel: Diesel
Voltage: 230 V
Frequency: 50 Hz
Engine: Kubota Z482
Mechanical power: 11.1 Hp
Number of cylinders: 2
Displacement: 479 cc
Engine rpm: 3000 rpm
Emissions standard: StageV
Consumption: 2.6 l / h at 75% load

Acoustic power: 62 dBA @ 7 m
 Voltage regulator: AVR
 Length: 941 mm
 Width: 550 mm
 Height: 660 mm
 Weight: 190 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)	6
Continuous power single phase (KW)	5.5
Maximum power single phase (KVA)	7.5
Continuous power single phase (KVA)	6.9
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	KUBOTA Z482, 4 stroke
Engine rpm (rpm)	3000
Speed governor	Centrifugal, mechanical
Starting system	Electric
Engine capacity (cm ³)	479
Number cylinders	2
Oil capacity (L)	2.5
Cooling	Water
Inyección	Indirect
Alternator	Sincrono, autoeccitato, autoregolato, senza spazzole
Poles	2
Lubrication	Forced
Consumption (L/h)	2.6 at 75% of the load
Acoustic pressure	62 dB(A) at 7 m
Length (mm)	941
Width (mm)	550
Height (mm)	660
Dry weight (Kg)	190

Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
