



## GENSET MG 8.05 DM GENERATOR 10KVA SINGLE-PHASE VEHICLE AVR STAGEV

Reference: 003524

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GENSET MG 8,05 DM single-phase vehicle generator with Yanmar engine 3TNV80F **StageV** diesel fueled delivers a power of 10KVA, **complete with AVR voltage regulator**.

The GENSET MG 8.05 DM vehicle generator guarantees efficient and silent operation thanks to the Yanmar 3TNV80F engine, which allows to deliver a maximum power of 10 KVA.

The GENSET MG 8.05 DM 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 GENSET MG 8.05 DM:

Phase type: Single-phase  
Maximum Power: 10 KVA / 8 KW  
Continuous Power: 9 KVA / 7.2 KW  
Fuel: Diesel  
Voltage: 230 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% 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 generators or other specialized brands.

Non-binding images and technical data.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	8
Continuous power single phase (KW)	7.2
Maximum power single phase (KVA)	10
Continuous power single phase (KVA)	9
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	Yanmar 3TNV80F-NGB
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Speed governor	Centrifugal, mechanical
Starting system	Electric
Engine capacity (cm <sup>3</sup> )	1267
Number cylinders	3
Oil capacity (L)	5.2
Cooling	Water
Inyección	Direct
Alternator	Synchronous self-excited, self-regulated, brushless
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

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AVR	Yes
Compound	No
Silenced	Yes
Super silenced	Yes
Voltage regulator	AVR
Engine manufacturer	Yanmar

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