



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 ³) | 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 |

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