



GENSET MGF 22 Y - SINGLE-PHASE/THREE-PHASE GENERATOR 22 KVA stage5

Reference:

GENSET MGF 22Y 22 KVA super-silenced AVR generating set

GENSET MGF 22Y is a singlephase and threephase 22 KVA diesel-powered generator set, with Yanmar engine, **super-silenced** and with voltage regulator with **AVR** technology. The GENSET MGF 22Y is easily transportable, using the central lifting hook and thanks to the passage for the forks.

Even quieter and more efficient than traditional models, the GENSET MGF 22Y generator set delivers a stable and precise threephase power of 22 KVA suitable for powering sophisticated electronic equipment that is sensitive to voltage and frequency variations.

You can therefore quietly and easily enjoy all the little comforts of home wherever you are: lights, fans, a coffee machine, laptops, radio or TV.

Voltage Regulator AVR

The automatic voltage regulator AVR is an electronic device that performs voltage regulation. The voltage error resulting from the comparison between the voltage to be regulated and a stable reference is virtually cancelled by acting on the rotoric excitation current.

The regulation characteristics are much better than those of self-regulated alternators.

The GENSET MGF 22Y generator set is equipped with a 40-liter capacity tank with a fuel consumption of 3.5 liters/hour at 75% load and an autonomy of more than 11 hours.

The GENSET MGF 22Y generator set is arranged to be connected to the **AMF/ATS** automatic start panel, thus allowing the machine to be used as an emergency unit in the event of a main power failure from the commercial electrical network.

The GENSET MGF 22Y generator set control panel houses the machine's outlets and controls, including the differential circuit breaker, voltmeter, hour meter, emergency stop button and power output protection.

For the GENSET MGF 22Y generator set, there is also a **remote control** which allows start/stop of the engine up to 20 meters away from the machine.

The GENSET MGF 22Y generator set is **suitable for a wide range of uses** such as construction, equipment rental, and events.

Technical features of GENSET MGF 22Y:

Phase type: Single-phase / Three-phase

Three-phase maximum power: 22 KVA / 17.6 KW

Single-phase maximum power: 7.3 KVA / 5.84 KW

Fuel: Diesel

Voltage: 230 / 400 V

Frequency: 50 Hz

Engine: Yanmar 4TNV88

Engine revs: 1500 rpm

Emissions standard: STAGE V

Starting: Electric

Tank capacity : 40 l

Consumption: 3.5 Lt / h

Autonomy: 11.43 h
 Voltage regulator: Compound (AVR optional)
 Acoustic pressure: 71 dB (A) @ 7 m
 Length: 1430 mm
 Width: 690 mm
 Height: 931 mm
 Weight: 480 Kg

Are you looking for a generator with different technical features? [Here](#) you can find the entire range Genset or other brands specializing in the field.

Images and technical data not binding.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	5.84
Maximum power single phase (KVA)	7.3
Maximum power three phase (KW)	17.6
Maximum power three phase (KVA)	22
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 16A CEE - 1 x 400V 32A CEE - 2 x 230V 16A CEE
Engine	Yanmar 4TNV88, 4 stroke
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Starting system	Elettrico
Engine capacity (cm ³)	2190
Number cylinders	4
Cooling	Water
Alternator	Sincrono
Protection degree	IP23
Motor insulation class	H
Fuel tank capacity (L)	40
Consumption (L/h)	3.5
Running time (h)	11.43
Acoustic power	96 dB(A)
Acoustic pressure	71 dB(A) at 7 m
Length (mm)	1430

Width (mm)	690
Height (mm)	930
Dry weight (Kg)	480
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	Compound / AVR (optional)
Engine manufacturer	Yanmar