



## CGM 80F-C100 WITH MANUAL CONTROL PANEL

Reference: CGM 80F-C100 MANUALE

### CGM 80F-C100 Single/three-phase 80KVA generator super-silenced with manual control panel

The CGM 80F-C100 is a single/three phase 80KVA generator with a 1500 rpm FPT diesel engine, compact and easy to use, mounted on a fixed base. This generator is equipped with a soundproofed cabin made of structural steel plate, weatherproofed and lined with sound-absorbing material with high noise reduction, making the CGM 80F-C100 super-silenced.

The CGM 80F-C100 generator consists of a Stamford, Mecc Alte or Marelli Motori, self-excited, brushless alternator with AVR voltage regulator. The CGM 80F-C100 generator is equipped with an electric starter with a low fuel consumption battery, consuming only 15 litres per hour at 75% load. The fuel tank is incorporated in the crankcase for ease of use.

This generator is perfect for use outdoors, such as on construction sites.

The CGM 80F-C100 generator is part of the Industrial range and is characterised by its versatility for installation in urban environments such as shops or shopping centres, for the telecommunications environment, for military applications and much more.

#### Technical characteristics of the CGM 80F-C100 generator:

Phase type: Single-phase / Three-phase

Maximum three-phase power: 70.4 KW / 88 KVA

Three-phase continuous power: 64 KW / 80 KVA

Maximum single-phase power: 23.47 KW / 29.33 KVA

Single-phase continuous use power: 21.33 KW / 26.67 KVA

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Motor: FPT NEF N45SM3

Engine speed: 1500 rpm

Starting: Electric

Consumption: 15 Lt/h at 75% load

Length: 2300 mm

Width: 1050 mm

Height: 1590 mm

Weight: 1345 Kg

Super-silenced

AVR

If you are looking for a product like the CGM 80F-C100 then you can browse the full range of CGM [generators](#) or other types of products in our catalogue to find the one that best suits your needs.

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	23.47
Continuous power single phase (KW)	21.33
Maximum power single phase (KVA)	29.3
Continuous power single phase (KVA)	26.67
Maximum power three phase (KW)	70.4
Continuous power three phase (KW)	64
Maximum power three phase (KVA)	88
Continuous power three phase (KVA)	80
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	Morsettiera
Engine	FPT (IVECO) NEFN45SM3
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Elettrico
Engine capacity (cm <sup>3</sup> )	4500
Number cylinders	4
Cooling	Water
Alternator	Brushless
Poles	4
Protection degree	IP44
Bore x stroke (mm)	104 x 132
Fuel tank capacity (L)	120
Consumption (L/h)	15
Running time (h)	8
Acoustic pressure	69 dB(A) at 7 m
Length (mm)	2300
Width (mm)	1050
Height (mm)	
Dry weight (Kg)	1345

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AVR	Yes
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
Engine manufacturer	FPT Iveco

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