



## CGM 45F-C50 WITH AUTOMATIC CONTROL PANEL

Reference: CGM 45F-C50 AUTOMATICO

### CGM 45F-C50 Single/three-phase 45KVA generator super-silenced with automatic control panel

The CGM 45F-C50 is a single/three phase 45KVA 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, weatherproofing and an interior lining of soundproofing material with high noise reduction, which makes the CGM 45F-C50 supersilenced.

The CGM 45F-C50 generator consists of a Stamford, Mecc Alte or Marelli Motori, self-excited, brushless alternator with AVR voltage regulator. The CGM 45F-C50 generator is equipped with an electric starter with a low fuel consumption battery, consuming only 8,8 litres per hour at 75% load. In addition, it has a control panel with automatic control unit and terminal box for automatic start-up.

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

The CGM 45F-C50 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 45F-C50 generator:

Phase type: Single-phase / Three-phase

Maximum three-phase power: 40 KW / 50 KVA

Three-phase continuous power: 36 KW / 45 KVA

Maximum single-phase power: 13.33 KW / 16.67 KVA

Single-phase continuous use power: 12 KW / 15 KVA

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Motor: FPT NEF N45AM1A

Engine speed: 1500 rpm

Starting: Electric

Consumption: 8.8 Lt/h at 75% load

Length: 2000 mm

Width: 850 mm

Height: 1275 mm

Weight: 930 Kg

Super-silenced

AVR

If you are looking for a product like the CGM 45F-C50 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)     | 13.3                       |
| Continuous power single phase (KW)  | 12                         |
| Maximum power single phase (KVA)    | 16                         |
| Continuous power single phase (KVA) | 15                         |
| Maximum power three phase (KW)      | 40                         |
| Continuous power three phase (KW)   | 36                         |
| Maximum power three phase (KVA)     | 50                         |
| Continuous power three phase (KVA)  | 45                         |
| Fuel                                | Diesel                     |
| Frequency (Hz)                      | 50                         |
| Voltage (V)                         | 230 / 400                  |
| Sockets configuration               | Terminal box               |
| Engine                              | FPT NEF N45AM1A            |
| Emissions Regulations               | Stage 2                    |
| Engine rpm (rpm)                    | 1500                       |
| Speed governor                      | Mechanical                 |
| Starting system                     | Electric                   |
| 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)              | 100                        |
| Consumption (L/h)                   | 8.8                        |
| Running time (h)                    | 11.4                       |
| Acoustic pressure                   | 69 dB(A) at 7 m            |
| Length (mm)                         | 2000                       |
| Width (mm)                          | 850                        |
| Height (mm)                         | 1275                       |

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|---------------------|--------------|
| Dry weight (Kg)     | 930          |
| AVR                 | Yes          |
| Silenced            | Yes          |
| Super silenced      | Yes          |
| Product type        | Generator    |
| ATS Switch device   | Optional ATS |
| Voltage regulator   | AVR          |
| Engine manufacturer | FPT Iveco    |

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