



## CGM 120F-B100 WITH MANUAL CONTROL PANEL

Reference: CGM 120F-B100 MANUALE

### CGM 120F-B100 Single/three-phase 120KVA generator with manual control panel

The CGM 120F-B100 is a single/three phase 120KVA generator with a 1500 rpm FPT diesel engine, compact and easy to use, mounted on a fixed base. This CGM 120F-B100 generator is in an open version and is easy to handle and transport thanks to its base with pivoting feet.

The CGM 120F-B100 generator consists of a Stamford, Mecc Alte or Marelli Motori, self-excited, brushless alternator with AVR voltage regulator. The CGM 120F-B100 generator is equipped with an electric starter with a low fuel consumption battery, consuming only 21 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 120F-B100 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 120F-B100 generator:

Phase type: Single-phase / Three-phase

Maximum three-phase power: 105.6 KW / 132 KVA

Three-phase continuous power: 96 KW / 120 KVA

Maximum single-phase power: 35.2 KW / 44 KVA

Single-phase continuous use power: 32 KW / 40 KVA

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Motor: FPT NEF N45TM3

Engine speed: 1500 rpm

Starting: Electric

Consumption: 21 Lt/h at 75% load

Length: 2100 mm

Width: 1000 mm

Height: 1800 mm

Weight: 1245 Kg

AVR

If you are looking for a product like the CGM 120F-B100 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)     | 35.2                       |
| Continuous power single phase (KW)  | 32                         |
| Maximum power single phase (KVA)    | 44                         |
| Continuous power single phase (KVA) | 40                         |
| Maximum power three phase (KW)      | 105.6                      |
| Continuous power three phase (KW)   | 96                         |
| Maximum power three phase (KVA)     | 132                        |
| Continuous power three phase (KVA)  | 120                        |
| Fuel                                | Diesel                     |
| Frequency (Hz)                      | 50                         |
| Voltage (V)                         | 230 / 400                  |
| Sockets configuration               | Morsettiera                |
| Engine                              | FPT (IVECO) NEFN45TM3      |
| 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)                   | 21                         |
| Running time (h)                    | 5.7                        |
| Length (mm)                         | 2100                       |
| Width (mm)                          | 1000                       |
| Height (mm)                         |                            |
| Dry weight (Kg)                     | 1245                       |
| AVR                                 | Yes                        |
| Silenced                            | No                         |
| Super silenced                      | No                         |

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|---------------------|-----------|
| Product type        | Generator |
| ATS Switch device   | No ATS    |
| Voltage regulator   | AVR       |
| Engine manufacturer | FPT Iveco |

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