



## CGM 100B Gruppo Elettrogeno Trifase 400v 110KVA 120LT

Reference: CGM100B

### CGM 100B Three-Phase Generator 400v 110KVA 120LT

**CGM Generator set Three-Phase 400v 110KVA 120LT** is a powerful and reliable solution for three-phase power needs, designed to provide continuous or emergency power in a variety of applications. With a **maximum three-phase power of 110 KVA (88 KW)**, this generator set is capable of handling high loads and ensuring operational continuity in critical situations.

The heart of this generator is a **Baudouin 4M11G120/5** engine, a robust and reliable 4-cylinder diesel engine with a displacement of 4500 cm<sup>3</sup> and a bore x stroke of 105 x 130 mm. The engine is water-cooled and equipped with an electronic speed governor for optimal stability. The electric start facilitates the generator set's ignition, while the 1500 rpm ensures efficient operation.

The alternator, available in **STAMFORD, MECC ALTE or MARELLI MOTORI** variants, guarantees stable and high-quality power production. The AVR (Automatic Voltage Regulator) voltage regulator maintains the voltage at 400V, with a frequency of 50Hz, ideal for industrial and commercial applications.

The **120-liter fuel tank** offers an autonomy of approximately 7 hours with a consumption of 23 liters per hour at 100% load. The silenced version of the generator set keeps the sound pressure at 69 dB(A) at 7 meters, making it suitable even for noise-sensitive environments.

The **compact dimensions** (2500 x 1050 x 1590 mm) and the **weight of 1525 kg** facilitate installation and transport. The optional ATS (Automatic Transfer Switch) switch panel allows automatic switching to emergency power in case of power failure.

#### Technical Features:

Phase type: Three-phase  
Maximum three-phase power (KVA): 110  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 400  
Engine: Baudouin 4M11G120/5  
Engine speed (rpm): 1500  
Speed controller: Electronic  
Starting: Electric  
Displacement (cm<sup>3</sup>): 4500  
Number of cylinders: 4  
Cooling: Water  
Alternator: STAMFORD - MECC ALTE - MARELLI MOTORI  
Fuel tank capacity (L): 120  
Consumption (L/h): 23 at 100% load  
Autonomy (h): 7  
Sound pressure: 69 dB(A) at 7 m

Length (mm): 2500  
Width (mm): 1050  
Height (mm): 1590  
Weight (Kg): 1525  
Silenced: Yes  
Bore x stroke (mm): 105 x 130  
Product type: Generator set  
ATS switch panel: Optional  
Voltage regulator: AVR  
Engine brand: Baudouin  
Emission standard: Non-Emissioned  
Maximum three-phase power (KW): 88

If you are looking for a product with different features [CLICK HERE](#).

Images and technical data are not binding.

## Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	88
Maximum power three phase (KVA)	110
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Engine	Baudouin 4M11G120/5
Emissions Regulations	NON EMISSIONATO
Engine rpm (rpm)	1500
Speed governor	Electronic
Starting system	Elettrico
Engine capacity (cm <sup>3</sup> )	4500
Number cylinders	4
Cooling	Water
Alternator	STAMFORD - MECC ALTE - MARELLI MOTORI
Bore x stroke (mm)	105 x 130
Fuel tank capacity (L)	120
Consumption (L/h)	23 at 100% of the load
Running time (h)	7
Acoustic pressure	69 dB(A) at 7 m
Length (mm)	2500

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Width (mm)	1050
Height (mm)	1590
Silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	BAUDOIN
Weight (Kg)	1525

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