



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 cm³ 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 (cm³): 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

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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 ³)	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

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
