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# CGM 1250B Generator Set 1250kVA Silent Cabin

## Product price:

**182.617,00 € tax excluded**

## Product description:

### CGM 1250B Generator Set 1250kVA Silent Cabin

The CGM 1250B 1250kVA Diesel Generator Set is a true industrial powerhouse designed to provide reliable power in a wide range of settings. The CGM series offers a comprehensive solution for energy needs, with models available from 5 to 3000 kVA, including the robust CGM 1250B 1250kVA Diesel Generator Set.

The CGM 1250B 1250kVA Diesel Generator Set is engineered to deliver optimal performance in various industrial, commercial, and military applications. Its versatility allows for installation in diverse environments, including shops, malls, telecommunications sites, and military installations, thanks to its weather-resistant structural steel enclosure.

Powered by a high-quality BAUDOUIIN 12M33G1400/5 diesel engine, the CGM 1250B 1250kVA Diesel Generator Set is designed to deliver reliable and efficient performance.

With a maximum three-phase power of 1375 kW and a continuous three-phase power of 1250 kW, the CGM 1250B Diesel Generator Set provides a dependable solution to meet even the most demanding energy requirements.

The alternator, available in renowned brands such as STAMFORD, MECC ALTE, and MARELLI MOTORI, is self-excited and brushless, ensuring optimal energy efficiency and low maintenance.

The Automatic Voltage Regulator (AVR) system ensures voltage precision of  $\pm 0.5\%$ , guaranteeing a constant flow of energy without sudden spikes or drops. With a continuous power amperage of 1804 A and a frequency of 50 Hz, the CGM 1250B 1250kVA Diesel Generator Set offers stable and reliable power supply.

In terms of technical specifications, the CGM 1250B Diesel Generator Set features a water cooling system





and a turbocharged intake system to maximize engine efficiency. With 12 cylinders and a displacement of 39200 cc, this engine provides a continuous net power of 1430 Hp (1067 kW).

In regard to safety and reliability, the CGM 1250B 1250kVA Diesel Generator Set complies with EU STAGE 0 emissions regulations and features IP44 electrical protection to ensure safe operation in any environment.

Its H insulation and overtemperature class ensure reliable operation even in the most extreme conditions.

With a 400-liter tank capacity and fuel consumption ranging from 109 to 218 liters per hour at full load,

the CGM 1250B 1250kVA Diesel Generator Set offers an impressive autonomy of 2.5 hours at 75% load.

Despite its power, the CGM 1250B Diesel Generator Set is designed to maintain acceptable noise levels,

with an acoustic pressure of 70dB(A) at a distance of 7 meters.

Furthermore, with a weight of 18250 kg, the CGM 1250B 1250kVA Diesel Generator Set is designed

to be easily transportable and installable, ensuring a reliable and efficient power solution wherever it is needed.

With its combination of reliable performance, energy efficiency, and versatility, the CGM 1250B 1250kVA Diesel Generator Set is the ideal choice to meet the most demanding energy

requirements in a wide range of industrial and commercial applications.

### **Technical Specifications CGM 1250B 1250kVA Diesel Generator Set:**

Type of electrical system: 3F+N ~

Maximum three-phase power: 1100 kW

Continuous three-phase power: 1000 kW

Maximum three-phase power: 1375 kVA

Continuous three-phase power: 1250 kVA

Fuel: Diesel

Voltage: 400 V

Frequency: 50 Hz

Continuous power amperage: 1804 A

Electrical protection: IP44

Engine: BAUDOUIN 12M33G1400/5

Emission category: EU STAGE 0

Performance class: G2

RPM: 1500 rpm

Number of cylinders: 12





Bore x Stroke: 150 x 185 mm  
Displacement: 39200 cc  
Continuous net engine power: 1430 (1067) Hp (kW)  
Starting: Electric  
Alternator: Stamford – Mecc Alte – Marelli Motori. Self-excited, brushless  
Poles: 4  
Voltage regulator system: AVR  
Consumption @ 50-75-100% load: 109 – 160 – 218 lt/h  
Tank capacity: 400 Lt  
Autonomy @ 75% load: 2.5 h  
Acoustic pressure: 70dB(A) at 7 mt  
Exhaust terminal diameter: 546 mm  
Electrical system voltage: 24 V  
Weight: 18250 Kg.

Discover the full range of CGM's Terrestrial Generating Sets or other top brands by browsing through our catalogue to find the one best suited to your needs.

Images are purely indicative.

**Product features:**

Phase: Single phase / Three phase  
Maximum power three phase (KW): 1100  
Continuous power three phase (KW): 1000  
Maximum power three phase (KVA): 1375  
Continuous power three phase (KVA): 1250  
Fuel: Diesel  
Frequency (Hz): 50  
Voltage (V): 400  
Engine: BAUDOUIN 12M33G1400/5  
Emissions Regulations: Stage 0  
Engine rpm (rpm): 1500  
Speed governor: Electronic  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 39200  
Number cylinders: 12  
Cooling: Water  
Alternator: Stamford-Mecc Alte-Marelli Motors Self-excited, brushless  
Poles: 4  
Protection degree: IP44  
Bore x stroke (mm): 150 x 185 mm





Motor insulation class: H  
Fuel tank capacity (L): 400  
Consumption (L/h): 196  
Running time (h): 2.5 at 75% of the load  
Acoustic pressure: 70 dB(A) at 7 m  
Dry weight (Kg): 18250  
Silenced: Yes  
Super silenced: Yes  
ATS Switch device : No  
Voltage regulator: AVR  
Engine manufacturer: Baudouin  
Power factor control: 0.8  
Continuous power amperage: 1804 A  
Performance class: G2  
Inducton system: Turbocharged  
Engine net prime power: 1430 (1067) Hp (kW)  
Temperature rise class: H  
Voltage precision:  $\pm 0,5 \%$   
Consumption @ 75% load: 109 – 160 – 218 lt/h  
Exhaust pipe diameter: 546 mm  
Electrical system voltage: 24 V

