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PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

CGM 1250B Generator Set 1250kVA Silent Cabin

Reference: CGM GE 1250B

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 BAUDOUIN 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 ± 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

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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.

Technical Sheet

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

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Engine	BAUDOUIN 12M33G1400/5
Emissions Regulations	Stage 0
Engine rpm (rpm)	1500
Speed governor	Electronic
Starting system	Electric
Engine capacity (cm³)	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 ATS
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	± 0,5 %
Consumpton @ 75% load	109 – 160 – 218 lt/h
Exhaust pipe diameter	546 mm
Electrical system voltage	24 V