



CGM V20KH Generator Set with Automatic Control Panel 400V STAGE5 22KVA

Reference: V20KHQA40022A

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The **CGM V20KH Generator Set with Automatic Control Panel 400V STAGE5 22KVA** is a high-performance professional solution designed for industrial and residential applications requiring reliability and constant power. Equipped with a **Kohler KDI 1903 M 3-cylinder, water-cooled diesel engine**, it **guarantees efficient and long-lasting operation at 1500 rpm in full compliance with the Stage 5 emissions regulations**.

This generator delivers a **maximum three-phase power of 22 kVA (17.6 kW)** and a **continuous power of 20 kVA (16 kW)**, with **AVR voltage regulator** to maintain output stability even under variable loads. The **self-excited brushless alternator** ensures low maintenance requirements and a long life.

Equipped with a **400 V three-phase connection terminal block**, the generator has an **electric start** and can be configured with an optional **ATS switch panel** for automatic start in the event of a mains failure. The **55-litre tank** guarantees an **autonomy of approximately 13.4 hours** with a consumption of **4.1 L/h at 75% load**.

Thanks to the **silenced cabin**, the noise level is kept to just **68 dB(A) at 7 metres**, making it suitable even for use in noise-sensitive environments. With **compact dimensions** (1580 x 735 x 1105 mm) and a **dry weight of 575 kg**, the CGM V20KH combines power, efficiency and practicality in a single device.

If you are looking for a product like the CGM v20KH-C20 then you can consult the entire range of CGM generators or other types of products in our catalogue to find the one that best suits your needs.

Technical Features:

Phase type: Single phase / Three phase
Maximum three-phase power (kW): 17.6
Continuous three-phase power (kW): 16
Maximum three-phase power (kVA): 22
Continuous three-phase power (kVA): 20
Fuel: Diesel
Frequency (Hz): 50
Voltage (V): 400
Socket configuration: Terminal block
Engine: Kohler KDI 1903 M
Engine speed (rpm): 1500
Speed governor: Mechanical
Starting: Electric
Displacement (cm³): 1861
Number of cylinders: 3
Cooling: Water
Alternator: Self-excited, brushless

Number of poles: 4
 Fuel tank capacity (L): 55
 Consumption (L/h): 4.1 at 75% load
 Autonomy (h): 13.4
 Sound pressure: 68 dB(A) at 7 m
 Length (mm): 1580
 Width (mm): 735
 Height (mm): 1105
 Dry weight (kg): 575
 AVR: Yes
 Silenced: Yes
 Bore x stroke (mm): 88 x 102
 Protection rating: IP44
 Product type: Generator set
 ATS switch panel: Optional
 Voltage regulator: AVR
 Engine brand: Kohler
 Emissions standard: Stage 5

If you are looking for a product with different technical characteristics [click here](#).

Technical Sheet

Phase	Single phase / Three phase
Maximum power three phase (KW)	17.6
Continuous power three phase (KW)	16
Maximum power three phase (KVA)	22
Continuous power three phase (KVA)	20
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	400
Sockets configuration	Morsettiera
Engine	Yanmar L70N
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Speed governor	Mechanical
Starting system	Elettrico
Number cylinders	3
Cooling	Water
Alternator	Self-excited, brushless
Poles	4
Protection degree	IP44
Bore x stroke (mm)	88 x 102
Fuel tank capacity (L)	55

Consumption (L/h)	4.1 at 75% load
Running time (h)	13.4
Acoustic pressure	68 dB(A) at 7 m
Length (mm)	1580
Width (mm)	735
Height (mm)	1105
AVR	Yes
Silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Kohler