



CGM DS6000Y GENERATOR 6KVA SINGLE-PHASE STAGEV AVR SUPERSILENCED

Reference: CGM DS6000Y

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The CGM DS6000Y generator is equipped with a Diesel YANMAR L100 StageV engine capable of delivering a maximum power output of 6KVA, complete with Automatic Voltage Regulation (**AVR**).

The CGM DS6000Y generator, with a capacity of 6 kVA in a single-phase configuration, offers top-notch performance in a supersilenced package. Equipped with an electrically started Yanmar diesel engine using a key and battery, the CGM DS6000Y ensures quick and effortless startup. This generator is designed to provide superior reliability across various applications, thanks to its soundproof cabin and larger tank.

The 3000 revolutions per minute of this generator make it an ideal choice for emergency situations. The CGM DS6000Y generator features Automatic Voltage Regulation (**AVR**) technology, ensuring a stable and reliable output voltage, thus preserving the integrity of connected devices. Its supersilenced design ensures discreet operation, making it ideal for noise-sensitive environments.

The combination of power and silence renders the CGM DS6000Y suitable for a wide range of applications, including providing electrical support in residential or commercial areas, outdoor events, construction sites, and much more.

Automatic Voltage Regulation (AVR)

The digital AVR control ensures constant voltage values and prevents malfunctions caused by incorrect usage. The regulation accuracy is within $\pm 5\%$ under static conditions with any power factor. Speed variations range between 5% and 30% compared to the nominal speed.

Automatic Transfer Switch (ATS) Panel Preparation

The CGM DS6000Y generator is prepared for the use of an Automatic Transfer Switch (ATS) panel. Thanks to this, you won't need to worry about blackouts because if the electric grid fails, this panel can automatically start the generator, allowing you to continue your activities without losing your work data.

Emission Standards StageV

The generator is equipped with StageV "mobile" engine as required by European Regulation 2016/1628. These new engines significantly reduce the emissions of particulate matter and nitrogen oxides released into the environment by the generator, reducing its environmental impact by 200% compared to standard engines.

Technical Specifications of CGM DS6000Y:

Phase Type: Single-Phase

Continuous Power: 6 KVA / 5.4 KW
 Maximum Power: 6.6 KVA / 5.9 KW
 Fuel: Diesel
 Voltage: 230 V
 Frequency: 50 Hz
 Engine: YANMAR L100
 Engine Speed: 3000 RPM
 Emission Standards: StageV
 Startup: Electric
 Voltage Regulator: AVR
 Socket Configuration: 1 x Schuko | 1 x 16A 3P 230V | 1 x 32A 3P 230V
 Consumption: 1.5 L/h at 75% load
 Tank Capacity: 30 L
 Autonomy: 20 h at 75% load
 Length: 1070 mm
 Width: 610 mm
 Height: 900 mm
 Weight: 200 Kg

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Images and technical data are not binding; the color of the generator may vary based on availability.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	5.9
Continuous power single phase (KW)	5.4
Maximum power single phase (KVA)	6.6
Continuous power single phase (KVA)	6
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Sockets configuration	1 x Schuko 1 x 16A 3P 230V 1 x 32A 3P 230V
Engine	Yanmar L100, 4 stroke
Emissions Regulations	Stage 5
Engine rpm (rpm)	3000
Starting system	Elettrico
Engine capacity (cm ³)	435
Number cylinders	1
Alternator	Made in Italy
Poles	2
Fuel tank capacity (L)	30
Consumption (L/h)	

Running time (h)	20 at 75% of the load
Length (mm)	1070
Width (mm)	
Height (mm)	900
Dry weight (Kg)	200
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	Optional ATS
Voltage regulator	AVR
Engine manufacturer	Yanmar