



## CGM 450DS-C450 WITH MANUAL CONTROL PANEL

Reference: CGM 450DS-C450 MANUALE

### CGM 450DS-C450 Single/three-phase 450KVA generator super-silenced with manual control panel

The CGM 450DS-C450 is a single/three phase 450KVA generator with a 1500 rpm Doosan diesel engine, compact and easy to use, mounted on a fixed base. This generator is equipped with a soundproofed cabin made of structural steel plate, weatherproofing and an interior cladding made of sound-absorbing material with high noise reduction, which makes the CGM 450DS-C450 super-silenced.

The CGM 450DS-C450 generator consists of a Stamford, Mecc Alte or Marelli Motori, self-excited, brushless alternator with AVR voltage regulator. The CGM 450DS-C450 generator is equipped with an electric starter with a low fuel consumption battery, consuming only 73 litres per hour at 75% load. The fuel tank is incorporated in the crankcase for ease of use.

This generator is perfect for use outdoors, such as on construction sites.

The CGM 450DS-C450 generator is part of the Industrial range and is characterised by its versatility for installation in urban environments such as shops or shopping centres, for the telecommunications environment, for military applications and much more.

#### Technical characteristics of the CGM 450DS-C450 generator:

Phase type: Single-phase / Three-phase

Maximum three-phase power: 408 KW / 510 KVA

Three-phase continuous power: 360 KW / 450 KVA

Maximum single-phase power: 136 KW / 170 KVA

Single-phase continuous use power: 120 KW / 150 KVA

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Motor: DOOSAN DP158 LC

Engine speed: 1500 rpm

Starting: Electric

Consumption: 73 Lt/h at 75% load

Length: 4300 mm

Width: 1750 mm

Height: 2350 mm

Weight: 4485 Kg

Super-silenced

AVR

If you are looking for a product like the CGM 450DS-C450 then you can browse the full range of CGM [generators](#) or other types of products in our catalogue to find the one that best suits your needs.

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	136
Continuous power single phase (KW)	120
Maximum power single phase (KVA)	170
Continuous power single phase (KVA)	150
Maximum power three phase (KW)	408
Continuous power three phase (KW)	360
Maximum power three phase (KVA)	510
Continuous power three phase (KVA)	450
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	Morsettiera
Engine	DOOSAN DP158 LC
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Electronic
Starting system	Elettrico
Engine capacity (cm <sup>3</sup> )	14618
Number cylinders	8
Cooling	Water
Alternator	Brushless
Poles	4
Protection degree	IP44
Bore x stroke (mm)	128 x 142
Fuel tank capacity (L)	400
Consumption (L/h)	73
Running time (h)	5.5
Acoustic pressure	69 dB(A) at 7 m
Length (mm)	
Width (mm)	1750
Height (mm)	2350

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Dry weight (Kg)	4485
AVR	Yes
Silenced	Yes
Super silenced	Yes
Product type	Generator
ATS Switch device	No ATS
Voltage regulator	AVR
Engine manufacturer	Doosan

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