



## CGM 500DS-C450 WITH MANUAL CONTROL PANEL

Reference: CGM 500DS-C450 MANUALE

### CGM 500DS-C450 Single/three-phase 500KVA generator super-silenced with manual control panel

The CGM 500DS-C450 is a single/three phase 500KVA 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 lining made of soundproofing material with high noise reduction, which makes the CGM 500DS-C450 supersilenced.

The CGM 500DS-C450 generator consists of a Stamford, Mecc Alte or Marelli Motori, self-excited, brushless alternator with AVR voltage regulator. The CGM 500DS-C450 generator is equipped with an electric starter with a low fuel consumption battery, consuming only 83 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 500DS-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 500DS-C450 generator:

Phase type: Single-phase / Three-phase

Maximum three-phase power: 440 KW / 550 KVA

Three-phase continuous power: 400 KW / 500 KVA

Maximum single-phase power: 146.67 KW / 183.33 KVA

Single-phase continuous use power: 133.33 KW / 166.67 KVA

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Motor: DOOSAN DP158 LD

Engine speed: 1500 rpm

Starting: Electric

Consumption: 83 Lt/h at 75% load

Length: 4300 mm

Width: 1750 mm

Height: 2350 mm

Weight: 4550 Kg

Super-silenced

AVR

If you are looking for a product like the CGM 500DS-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)	146.67
Continuous power single phase (KW)	133.33
Maximum power single phase (KVA)	183.33
Continuous power single phase (KVA)	166.67
Maximum power three phase (KW)	440
Continuous power three phase (KW)	400
Maximum power three phase (KVA)	550
Continuous power three phase (KVA)	500
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	Morsettiera
Engine	DOOSAN DP158 LD
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)	83
Running time (h)	4.8
Acoustic pressure	69 dB(A) at 7 m
Length (mm)	
Width (mm)	1750
Height (mm)	2350

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Dry weight (Kg)

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AVR	Yes
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Silenced	Yes
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Super silenced	Yes
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Product type	Generator
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ATS Switch device	No ATS
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Voltage regulator	AVR
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Engine manufacturer	Doosan
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