



## CGM 280P-C300 WITH MANUAL CONTROL PANEL

Reference: CGM 280P-C300 MANUALE

### CGM 280P-C300 Single/three-phase 280KVA generator super-silenced with manual control panel

The CGM 280P-C300 is a single/three phase 280KVA generator with a 1500 rpm Perkins 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 of soundproofing material with high noise reduction, which makes the CGM 280P-C300 super-silenced.

The CGM 280P-C300 generator consists of a Stamford, Mecc Alte or Marelli Motori, self-excited, brushless alternator with AVR voltage regulator. The CGM 280P-C300 generator is equipped with an electric starter with a low fuel consumption battery, consuming only 46 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 280P-C300 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 280P-C300 generator:

Phase type: Single-phase / Three-phase

Maximum three-phase power: 246 KW / 308 KVA

Three-phase continuous power: 224 KW / 280 KVA

Maximum single-phase power: 82 KW / 102.67 KVA

Single-phase continuous use power: 74.67 KW / 93.33 KVA

Fuel: Diesel

Voltage: 230 V / 400 V

Frequency: 50 Hz

Motor: PERKINS 1506A-E88TAG4

Engine speed: 1500 rpm

Starting: Electric

Consumption: 46 Lt/h at 75% load

Length: 3700 mm

Width: 1400 mm

Height: 2250 mm

Weight: 3160 Kg

Super-silenced

AVR

If you are looking for a product like the CGM 280P-C300 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)	82
Continuous power single phase (KW)	74.67
Maximum power single phase (KVA)	102.67
Continuous power single phase (KVA)	93.33
Maximum power three phase (KW)	246
Continuous power three phase (KW)	224
Maximum power three phase (KVA)	308
Continuous power three phase (KVA)	280
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	Morsettiera
Engine	Perkins 1506A-E88TAG4
Emissions Regulations	Stationary Use
Engine rpm (rpm)	1500
Speed governor	Electronic
Starting system	Elettrico
Engine capacity (cm <sup>3</sup> )	8800
Number cylinders	6
Cooling	Water
Alternator	Brushless
Poles	4
Protection degree	IP44
Bore x stroke (mm)	112 x 149
Fuel tank capacity (L)	250
Consumption (L/h)	46
Running time (h)	5.4
Acoustic pressure	69 dB(A) at 7 m
Length (mm)	3700
Width (mm)	1400
Height (mm)	
Dry weight (Kg)	3160

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

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