



# CUMMINS C66 D5e THREE-PHASED DIESEL POWER GENERATOR 66KVA SILENCED

**Product price:**

**13.958,00 € tax excluded**

## **Product description:**

### **CUMMINS C66 D5 THREE-PHASE 66KVA SILENCED DIESEL GENERATOR SET**

The special feature of Cummins generator sets is that they are manufactured using the engine, alternator, electrical control panel and other components built by Cummins Inc. companies.

#### **Key features CUMMINS C66 D5**

Cooling system - Standard system with integrated radiator, designed and tested for ambient temperatures.

Control System - PowerStart control, microprocessor based genset with a monitoring and control system providing a simple interface to the genset, manual and remote start/stop control and shutdown fault indication.

Silenced enclosure - High weather protection and great soundproofing.

Heavy-duty Cummins industrial 4-stroke diesel engine provides reliable, low-emission power with fast response time to load changes.

Optional Excitation Boost System (EBS) - Provides improved starting to minimise short circuits and engine failures.

Alternator - Several alternator sizes offer selectable engine starting capability with low reactance; low distortion waveform even with non-linear loads and fault and short circuit compensation capability.

On-board accessories



Lead batteries on board the unit (supplied without liquid); Mechanical radiator for ambient temperature to + 50°C.

Sheet steel base frame with tank welded inside, vibration dampers.

Soundproof enclosure complete with residential muffler according to European standards, made of 2 mm thick sheet steel, treated and painted for outdoor exposure; Engine coolant pre-heating system.

Automatic electrical panel (ATS excluded)

4-pole magneto-thermal protection switch

On-board control panel for generating set - PCC0500

Main control functions

- Digital measurement of AC output.
- Digital display of alarm and status messages.
- Generator set monitoring: Displays the status of all critical functions of the generator set engine and alternator.
- Advanced service and maintenance functions.

Controls and adjustments

- OFF/START/AUTO buttons
- Emergency stop "STOP" button

Used to stop the genset immediately and easily in the event of an emergency.

- Menu Settings for voltage, frequency, starting and stopping delay

Customer interface

- Communication protocol: Modbus RS 485 or RS 232
- 4 configurable input contacts
- 2 configurable output relays





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**Product features:**

Phase: Single phase / Three phase

Maximum power three phase (KW): 66

Continuous power three phase (KW): 48

Maximum power three phase (KVA): 60

Continuous power three phase (KVA): 53

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 230 / 400

Sockets configuration: Terminal box

Engine: 4 stroke

Emissions Regulations: Stage 3A

Engine rpm (rpm): 1500

Speed governor: Mechanical

Starting system: Electric

Number cylinders: 4

Cylinders' position: In line

Cooling: Liquid

Alternator: Synchronous, brushless

Poles: 4

Bore x stroke (mm): 91.4x127

Fuel tank capacity (L):

Consumption (L/h): 12 at 75% of the load / 16 at 100% of the load

Running time (h): 12.5 at 75% of the load

Length (mm): 2270

Width (mm): 975

Height (mm): 1920

Dry weight (Kg): 1511

Silenced: Yes

Super silenced: Yes

Brushes: No

Product type: Generator

Control unit: PowerStart 600

ATS Switch device : Optional

Type of alternator: Constant Speed

Voltage regulator: AVR

Engine manufacturer: Cummins

Precision of voltage regulation:  $\pm 2,5\%$

