



# CUMMINS C550 D5 GENERATOR 500KVA THREE-PHASE DIESEL POWER SILENCED

**Product price:**

**62,422.00 € tax excluded**

**Product description:**

## **GENERATOR CUMMINS C550 D5**

The CUMMINS C550 D5 generator set is three-phase Diesel 500 KVA silenced. The particularity of the Cummins generator sets is that they are made using the engine, alternator, electrical control panel and other components built by companies of the Cummins Inc Group.

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

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

The heavy-duty Cummins industrial engine, a robust 4-stroke diesel, provides reliable power, with low emissions and with rapid response times to load changes.

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

Different alternator sizes offer selectable engine starting capability with low reactance; with low distortion waveform even with non-linear loads and ability to compensate for faults and short-circuits.

Soundproof hood complete with residential muffler according to European legislation, made of sheet metal with a thickness of 2 mm, treated and painted for outdoor exposure; Engine coolant pre-heating system.



#### Main control functions:

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

#### Controls and Adjustments

- OFF/START/AUTO buttons
- “STOP” emergency stop button

Used to immediately and easily stop the generator set in an emergency.

- Settings menu for voltage, frequency, start and stop delay

#### Client interface

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

#### **TECHNICAL SPECIFICATIONS CUMMINS C550 D5**

Phase Type: Three Phase

Continuous Power: 500 KVA / 400 KW

Maximum Power: 550 KVA / 440 KW

Engine: Cummins QSZ13-G10

Power Supply: Diesel

Engine RPM: 1500 rpm

RPM Adjustment: Mechanical

Alternator: Stamford UC224F

Emission standard: Stage Zero

Starter: Electric / Automatic

Voltage Regulator: Compound

Voltage: 400 V

Frequency: 50 Hz

Socket panel: Terminal block

Consumption at 75 % of load: 70 l/h

Length: 5095 mm

Width: 1564 mm

Height: 2191 mm

Dry weight: 5439 kg

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entire range of CUMMINS generators and other specialized brands.

you

Non-binding images and technical data

**Product features:**

Phase: Three phase

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): 400

Sockets configuration: Terminal box

Engine: 4 stroke

Emissions Regulations:

Engine rpm (rpm): 1500

Speed governor: Mechanical

Number cylinders: 6

Cylinders' position: In line

Cooling: Air

Poles: 4

Bore x stroke (mm): 91.4x127

Length (mm):

Width (mm):

Height (mm):

Dry weight (Kg):

Silenced: Yes

Brushes: No

Product type: Generator

Control unit: PowerStart 600

ATS Switch device : Optional

Type of alternator: Constant Speed

Engine manufacturer: Cummins

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

