



# CUMMINS C44D5E GENERATOR 44KVA SING LE-PHASE/THREE-PHASE SILENCED

**Product price:**

**12.993,00 € tax excluded**

## **Product description:**

CUMMINS C44D5E GENERATOR 44KVA SINGLE-PHASE/THREE-PHASE SILENCED

The CUMMINS C44D5E generator is equipped with a Cummins 4BTAA3.3-G14 engine powered by Diesel and is capable of delivering a maximum power of 44KVA, complete with Compound voltage regulator.

The Generator is equipped with an electric start and with low fuel consumption, in fact it consumes about 8 litres/hour at 75% of the load for an autonomy of up to 18 hours of operation. The generator set guarantees efficient and silent operation thanks to the Cummins 4BTAA3.3-G14 engine, which allows for the delivery of a maximum power of 44KVA.

Main generator components CUMMINS C44D5E:

## **Cooling system:**

- Radiator mounted on the generator frame and cooled by the engine fan;
- Designed and tested for an ambient temperature of 55 °C;
- Mechanically operated centrifugal pump;
- 50/50 coolant (ethylene glycol);
- Coolant thermostatic preheating system.

## **Air intake:**

- Normal Duty cartridge air filter, with clogging indicator;
- Turbocharger.

## **Electric motor system:**

- 12 Vdc electric starter, coupled to the flywheel;
- 12 V, 65 Ah starter battery





- 35 A alternator for battery recharging;
- Rectifier for charging the batteries during the stand-by period.

#### **Exhaust:**

- Expansion compensator in stainless steel;
- Exhaust silencer, residential type, for noise reduction;
- Grilles protection for the hot parts.

#### **Lubrication system:**

- Oil filter;
- Crankcase ventilation.

#### **Fuel supply:**

- 150 liter tank which guarantees 18 hours of autonomy at 75% of the load;
- Diesel filter with separator;
- Filler cap with filter and vapor discharge;
- Turn/return the fuel lines;
- Drain cap.

#### **Assembly**

- Steel frame;
- Semi-rigid coupling, single bearing alternator;
- Anti-vibration pads between the engine/alternator unit and the frame.

#### **TECHNICAL SPECIFICATIONS CUMMINS C44D5E**

Phase type: Three-phase

Continuous power: 40 KVA / 32 KW

Maximum power: 44 KVA / 35 KW

Engine: Cummins 4BTAA3.3-G14

Power supply: Diesel

Engine speed: 1500 rpm

Regulation of revolutions: Mechanical

Emissions standard: Stage Zero

Starter: Electric / Automatic

Voltage regulator: Compound

Voltage: 400 V

Frequency: 50 Hz

Socket panel: Terminal block

Tank capacity: 150 l

Consumption at 75% of the load: 8.38 l/h

Autonomy at 75% load: 17.9 h

Sound pressure: 68dBA @ 7m

Length: 2270 mm

Width: 975 mm





Height: 1920 mm

Dry weight: 1236 kg

Are you looking for a generator with different technical characteristics? [HERE](#) you can find the full range of CUMMINS generators and other specialized brands.

Non-binding images and technical data

### Product features:

Phase: Three phase

Maximum power three phase (KW): 35

Continuous power three phase (KW): 32

Maximum power three phase (KVA): 44

Continuous power three phase (KVA): 40

Fuel: Diesel

Frequency (Hz): 50

Voltage (V): 400

Sockets configuration: Terminal box

Engine: Cummins 4BTAA3.3-G14

Emissions Regulations: Stage Zero

Engine rpm (rpm): 1500

Speed governor: Mechanical

Starting system: Electric Automatic/Manual

Number cylinders: 4

Cylinders' position: In line

Alternator: Synchronous, brushless

Poles: 4

Fuel tank capacity (L): 150

Consumption (L/h): 8.38 at 75% load

Running time (h): 17.9 at 75% load

Acoustic pressure: 68 dB(A) at 7 m

Length (mm): 2270

Width (mm): 975

Height (mm): 1920

Dry weight (Kg): 1236

Silenced: Yes

Super silenced: Yes

Brushes: No

Product type: Generator

ATS Switch device : Optional

Type of alternator: Constant Speed

Voltage regulator: Compound



Engine manufacturer: Cummins