



# CUMMINS C55 D5e THREE-PHASED DIESEL POWER GENERATOR 55KVA SILENCED

Product price:

**13.060,00 € tax excluded**

## Product description:

CUMMINS C55 D5 THREE-PHASE 55KVA 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 C55 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



**Product features:**

Phase: Single phase / Three phase  
Maximum power three phase (KW): 44  
Continuous power three phase (KW): 40  
Maximum power three phase (KVA): 55  
Continuous power three phase (KVA): 50  
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: Coolant Liquid  
Alternator: Synchronous, brushless  
Poles: 4  
Bore x stroke (mm): 91.4x127  
Length (mm): 2270  
Width (mm): 975  
Height (mm): 1920  
Dry weight (Kg): 1414  
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:  $\pm 2,5\%$