



## CUMMINS C44D5EQ GENERATOR 44KVA SINGLE-PHASE/THREE-PHASE OPEN

Reference: C44D5EQ-A

### CUMMINS C44D5EQ GENERATOR 44KVA SINGLE-PHASE/THREE-PHASE OPEN

The CUMMINS C44D5EQ 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 CUMMINS C44D5EQ is equipped with **electric, manual or automatic start** with a 12 V battery, and is equipped with a **PowerStart 600 control unit** which allows you to view all the parameters electric of the engine and generator, of the functions, status of the generator set, manage the group entirely and display, if any, the errors or alarms of the system.

PowerStart 600 is a microprocessor based generator set monitoring and control system. Controller provides simple interface, auto/manual and remote start/stop control and stop fault indication. The integration of all control functions in a single control ensures greater reliability and performance compared to conventional generator set control systems. This power unit has been designed and tested to meet the harsh environmental conditions in which generating sets are typically used.

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 23 hours of operation. The generator set guarantees efficient and silent operation thanks to the Cummins 4BTAA3.3-G14 engine, which allows it to deliver a maximum power of 44KVA. In addition, it is equipped with automatic starting via the ATS panel, which allows it to be switched on autonomous in case of blackout.

Thanks to the advanced control unit, the generator is equipped with:

- PC based software service tool
- Inpower Modbus interface for interconnection with PLC/BMS
- Configurable inputs and outputs
- Configurable alarm inputs to cause a shutdown or warning response

#### ATS AUTOMATIC STARTER PANEL ARRANGEMENT

The CUMMINS C44D5EQ generator is designed for connection to ATS automatic starter panel. Thanks to which you will no longer have to worry about blackouts, since, in the event of a power failure from the mains, this panel is able to turn on the group and will allow you to continue your business without losing your work data.

#### CUMMINS C44D5EQ TECHNICAL SPECIFICATIONS

Phase type: Single-phase / Three-phase  
Continuous power: 40 KVA / 32 KW  
Maximum power: 44 KVA / 35 KW  
Engine: Cummins 4BTAA3.3-G14

Fuel system: Diesel  
 Engine speed: 1500 rpm  
 Regulation of revolutions: Mechanical  
 Alternator: Stamford UC224C  
 Emissions standard: Stage III A  
 Starter: Electric / Automatic  
 Voltage regulator: Compound  
 Voltage: 230/400 V  
 Frequency: 50 Hz  
 Socket panel: Terminal block  
 Tank capacity: 200 l  
 Consumption at 75% load capacity: 8.69 l/h  
 Autonomy at 75% load: 23 h  
 Length: 2315 mm  
 Width: 1015 mm  
 Height: 1460 mm  
 Weight a dry: 956 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

## Technical Sheet

Phase	Single 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)	230 / 400
Sockets configuration	Terminal box
Engine	Cummins 4BTAA3.3-G14
Emissions Regulations	Stage 3A
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)	200
Consumption (L/h)	8.7 at 75% load

Running time (h)	23 at 75% of the load
Acoustic pressure	92 dB(A)
Length (mm)	2315
Width (mm)	1015
Height (mm)	1460
Dry weight (Kg)	956
Silenced	No
Super silenced	No
Brushes	No
Product type	Generator
Control unit	PowerStart 600
ATS Switch device	Optional ATS
Type of alternator	Constant Speed
Voltage regulator	Compound
Engine manufacturer	Cummins
Precision of voltage regulation	0.5%