



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

Reference: C550 D5

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

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

Non-binding images and technical data

Technical Sheet

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)	
Length (mm)	
Width (mm)	
Height (mm)	
Dry weight (Kg)	
Silenced	Yes
Brushes	No
Product type	Generator
Control unit	
ATS Switch device	Optional ATS
Type of alternator	Constant Speed
Engine manufacturer	Cummins
Precision of voltage regulation	± 2,5%