



# MECC ALTE ECP28-1L/2 C-TYPE THREE-PHASE ALTERNATOR 25KVA

## Product description:

### MECC ALTE ECP28-1L/2 C-TYPE ALTERNATOR 25KVA THREEPHASE

Alternator MECC ALTE ECP28-1L/2 C-TYPE with a power of 25KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with **DSR** voltage regulator.

The ECP28-1L/2 C-TYPE alternator is designed to operate at 50 or 60 HZ frequency, the possibility of working on these two frequencies makes it possible to apply it for any service voltage increasing its versatility, for the correct operation.

The ECP28-1L/2 alternators mount button-type diodes, mounted directly in the exciter's diode holder, or mounted on a detachable diode bridge, divided into three sectors. In the case of the bridge, each single diode can be checked very easily with a multimeter specially set for diode checking; disconnect the three sectors completely and check each diode in both directions. In case of one or more faults, it is advisable to replace the complete bridge.

MECC ALTE ECP28-1L/2 C-TYPE is supplied with 12 terminals (7 clamps), with which it is normally possible to connect the alternator both in series star and parallel star. According to the needs it is possible to pass from a connection to another one keeping in mind that it is necessary to verify the DSR connection.

ECP28-1L/2 C-TYPE can be used as singlephase depending on the needs. MECC ALTE ECP28-1L/2 is equipped with digital current regulator DSR . The regulator is suitable for operation on both threephase and singlephase generators, allowing fast, accurate and reliable tuning.

All MECC ALTE ECP28 alternators have the MAUX auxiliary winding to power the DSR digital regulator. You can connect the DSR voltage regulator to your PC via the DxR2 USB interface and DxR TERMINAL software to query/download alarms and settings for analysis.

Select the alternator that reflects the **technical specifications you require**, visit our dedicated

section to find out how.

## TECHNICAL FEATURES OF 22KVA MECC ALTERNATOR ECP28-1L/2 C-TYPE

Phase Type: Singlephase / Threephase

Maximum threephase power: 24KW

Threephase continuous power: 20KW

Maximum threephase power: 30KVA

Threephase continuous power: 25KVA

Frequency: 50 / 60 Hz

Voltage: 230 / 400 V

Protection class: IP23

Alternator speed: 3000 rpm

Number of poles: 2

Efficiency: 86.4%

Weight: 136 kg

Width: 466.7 mm

Length: 548.8 mm

Height: 460 mm

Constant speed alternator

Brushless

Voltage regulator: AVR

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Images and technical data are not binding and subject to changes by the manufacturer

### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 17 (50Hz) - 20.5 (60Hz)

Continuous power single phase (KW): 15.5 (50Hz) - 18.6 (60Hz)

Maximum power single phase (KVA): 17 (50Hz) - 20.5 (60Hz)

Continuous power single phase (KVA): 15.5 (50Hz) - 18.6 (60Hz)

Maximum power three phase (KW): 21.6 (50Hz) - 26 (60Hz)

Continuous power three phase (KW): 20 (50Hz) - 24 (60Hz)

Maximum power three phase (KVA): 27 (50Hz) - 32.5 (60Hz)

Continuous power three phase (KVA): 25 (50Hz) - 30 (60Hz)

Frequency (Hz): 50 / 60

Voltage (V): 230 / 400

Engine rpm (rpm): 3000

Poles: 2

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Single-phase power (KVA): 20.5  
Three-phase power (KVA): 32.5  
Efficiency (%): 86.4  
Protection degree: IP23  
Acoustic pressure: 74 dB(A) at 7 m  
Length (mm): 466  
Width (mm): 548.8  
Height (mm): 460  
Brushes: No  
PMG: No  
Type of alternator: Constant Speed  
Voltage regulator: AVR  
Weight (Kg): 136