



# MECC ALTE ECO40-2S/4 C-TYPE THREE-PHASE ALTERNATOR 450 KVA AVR

## Product description:

### **MECC ALTE ECO40-2S/4 C-TYPE THREE-PHASE ALTERNATOR 450 KVA AVR**

The alternator MECC ALTE ECO40-2S/4 C-TYPE three-phase with a power output of 450KVA, this unit has a self-regulating brushless operation equipped with an AVR voltage regulator.

The MECC ALTE ECO40-2S/4 alternator is complete with self-regulation via a digital electronic regulator powered by an auxiliary winding. The MECC ALTE ECO40-2S/4 C-TYPE is robustly designed to meet industry requirements and the most demanding technological specifications needed in various applications. They are available as single or double bearing.

The MECC ALTE C-TYPE series has a MAUX auxiliary winding to power the digital controller. The DSR can be connected to a PC via the DxR software and offers the possibility to display alarms and settings for analysis or to clone other controllers.

The ECO40-2S/4 consists of a fixed stator with inclined slots and a rotating inductor, and is equipped with a damping cage as standard. The high-quality two-component insulating resin used in the MeccAlte ECO40-2S/4 is a polyester specially developed for use in vacuum or immersion and drip impregnation machines. It has superior adhesion strength, high chemical and moisture resistance and is suitable for use up to 212°C.

These alternators comply with the Italian standard CEI 2-3 file 11111. This standard corresponds to the European norm EN 60034-1 and the international standard IEC 60034-1, is linked to the British norm BS 4999 Part 101, is equivalent to the German norm VDE 0530 Part 1 and is included in the French standard NF 51.111

## **The advantages of the AVR**

The automatic voltage regulator, or AVR, allows the alternator to deliver stable energy and thus



be able to connect equipment with delicate electronics such as computers, appliances, smartphones and tablets. The AVR and the other quality standard of the alternator will provide you with safe and stabilized energy.

## TECHNICAL FEATURES MECC ALTE ECO40-2S/4 C-TYPE

Phase Type: Single / Three Phase

Maximum threephase power: 491 KVA / 392.8 KW

Threephase continuous use power: 450 KVA / 360 KW

Maximum singlephase power: 237 KVA / 237 KW

Singlephase continuous use power: 220 KVA / 220 KW

Frequency: 50 / 60 Hz

Voltage: 230 V / 400 V

Alternator Type: Brushless

Degree of protection: IP23

Alternator revolutions: 1500 / 1800 rpm

Number of poles: 4

Efficiency: 94.4%

Constant speed alternator

Voltage regulator: AVR

Weight: 1131Kg

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### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 237

Continuous power single phase (KW): 220

Maximum power single phase (KVA): 237

Continuous power single phase (KVA): 220

Maximum power three phase (KW): 392.8

Continuous power three phase (KW): 360

Maximum power three phase (KVA): 491

Continuous power three phase (KVA): 450

Frequency (Hz): 50 / 60

Voltage (V): 230 / 400

Engine rpm (rpm): 1500 / 1800

Poles: 4

Single-phase power (KVA): 237



Three-phase power (KVA): 440

Efficiency (%): 94.4

Protection degree: IP23

Acoustic pressure: 82 dB(A) at 7 m

Brushes: No

PMG: Optional

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 1137

