



# MECC ALTE ECO40-3S/4 C-TYPE THREE-PHASE ALTERNATOR 500 KVA AVR

## Product description:

### **MECC ALTE ECO40-3S/4 C-TYPE THREE-PHASE ALTERNATOR 500 KVA AVR**

The alternator MECC ALTE ECO40-3S/4 C-TYPE three-phase with a power of 500KVA, this unit has a self-exciting and self-regulating Brushless operation equipped with AVR voltage regulator.

The ECO40-3S/4 C-TYPE alternator is designed for operation at a frequency of 50 or 60 HZ, the possibility of working on these two frequencies makes it possible to apply it to any service voltage, increasing its versatility, for correct operation. For correct operation it is only necessary to verify that the settings are correct for the intended use.

MECC ALTE ECO40-3S/4 C-TYPE is supplied with 12 terminals (7 terminals), with which it is normally possible to connect both the series star alternator and the parallel star alternator. According to your needs, you can switch from one connection to another, bearing in mind that you must necessarily check the connection of the DSR.

The high quality bi-component insulating resin used by MeccAlte ECO40-3S/4, is a polyester specially developed to be used in vacuum impregnation machines or by dipping and dripping. It has superior bond strength characteristics, high chemical and moisture resistance and is suitable for uses up to 212 ° C.

## The advantages of the AVR

The automatic voltage regulator, or AVR, allows the alternator to deliver stable energy and therefore 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 ECO40-3S/4 C-TYPE



Type of phase: Single / Three-phase

Maximum threephase power: 546 KVA / 436.8 KW

Continuous threephase power: 500 KVA / 400 KW

Maximum singlephase power: 302 KVA / 302 KW

Continuous singlephase power: 276 KVA / 276 KW

Frequency: 50/60 Hz

Voltage: 230 V / 400 V

Alternator type: Brushless

Grade protection: IP23

Alternator revolutions: 1500/1800 rpm

Number of poles: 4

Efficiency: 94.6%

Constant speed alternator

Regulator tension: AVR

Weight: 1206,0 Kg

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### **Product features:**

Phase: Single phase / Three phase

Maximum power single phase (KW): 302

Continuous power single phase (KW): 276

Maximum power single phase (KVA): 302

Continuous power single phase (KVA): 276

Maximum power three phase (KW): 436.8

Continuous power three phase (KW): 400

Maximum power three phase (KVA): 546

Continuous power three phase (KVA): 500

Frequency (Hz): 50 / 60

Voltage (V): 230 / 400

Engine rpm (rpm): 1500 / 1800

Poles: 4

Single-phase power (KVA): 276

Three-phase power (KVA): 500

Efficiency (%): 94.1

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): 1206

