

# 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):  
Maximum power three phase (KVA): 546  
Continuous power three phase (KVA):  
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