



## MECC ALTE ECO40-2L/4 C-TYPE THREE-PHASE ALTERNATOR 625 KVA AVR

Reference: ECO40-2L/4 C-TYPE

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The alternator MECC ALTE ECO40-2L/4 C-TYPE three-phase with a power of 625KVA, this unit has a self-exciting and self-regulating Brushless operation equipped with AVR voltage regulator.

The ECO40-2L/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 ECO40-2L/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 ECO40-2L / 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.

Each engine has a type to connect to the alternator, so you need to pay attention to this aspect; a model can also have from 15 to 20 different construction forms!

It is always advisable to check the construction form of the desired alternator with the help of the technical data sheets.

Select the alternator that reflects the **technical specifications requested by you** , visit our [dedicated section](#) to understand how.

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

Type of phase: Single / Three-phase

Maximum threephase power: 675 KVA / 540 KW

Continuous threephase power: 625 KVA / 500 KW

Maximum singlephase power: 335 KVA / 335 KW

Continuous singlephase power: 310 KVA / 310 KW

Frequency: 50/60 Hz

Voltage: 230 V / 400 V

Degree of protection: IP23

Revolutions of the 'alternator: 1500/1800 rpm  
Number of poles: 4  
Efficiency: 95%  
Constant speed alternator  
Brushless  
Voltage regulator: AVR  
Weight: 1456 Kg

Are you looking for a product with different characteristics? [HERE](#) you can find the entire range MECC ALTE and other specialized brands.

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

## Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	335
Continuous power single phase (KW)	310
Maximum power single phase (KVA)	335
Continuous power single phase (KVA)	310
Maximum power three phase (KW)	540
Continuous power three phase (KW)	500
Maximum power three phase (KVA)	675
Continuous power three phase (KVA)	625
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400
Engine rpm (rpm)	1500 / 1800
Poles	4
Single-phase power (KVA)	310
Three-phase power (KVA)	625
Efficiency (%)	95
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)	1456