



# MECC ALTE ECO40-1S/4 C-TYPE THREE-PHASE ALTERNATOR 400 KVA AVR

## Product description:

### **MECC ALTE ECO40-1S/4 C-TYPE THREE-PHASE ALTERNATOR 400 KVA AVR**

The alternator MECC ALTE ECO40-1S/4 C-TYPE three-phase with a power of 400KVA, this unit has a self-exciting and self-regulating Brushless operation equipped with a AVR voltage regulator.

The ECO40-1S/4 C-TYPE alternator is designed to operate at a frequency of 50 or 60 HZ, the possibility of operating at these two frequencies makes it possible to use it for any service voltage, increasing its versatility for correct operation. For correct operation, it is only necessary to check that the settings are correct for the intended use.

MECC ALTE ECO40-1S/4 C-TYPE is supplied with 12 terminals (7 terminals), with which it is normally possible to connect the alternator either in star series or star parallel. Depending on requirements, it is possible to switch from one connection to another, bearing in mind that the DSR connection must necessarily be checked.

The ECO40-1S/4 alternator is complete with self-regulation which is obtained by means of a digital electronic regulator powered by an auxiliary winding.

The MECC ALTE ECO40-1S/4 C-TYPE alternator is robust and suitable to meet the demands of the industry and the most demanding technological specifications required in various applications. They are available as bearings in single-bearing or double-bearing configuration.

The high quality bi-component insulating resin used by MeccAlte ECO40-1S/4, is a polyester specially developed to be used in vacuum impregnation machines or by dipping and dripping. It has superior adhesion strength characteristics, high chemical and humidity resistance and is suitable for uses up to 212 ° C.



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## TECHNICAL FEATURES MECC ALTE ECO40-1S/4 C-TYPE

Type of phase: Single / Three-phase  
Maximum threephase power: 440 KVA / 352 KW  
Continuous threephase power: 400 KVA / 320 KW  
Maximum singlephase power: 211 KVA / 211 KW  
Singlephase continuous use power: 196 KVA / 196 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: 94.1%  
Constant speed alternator  
Voltage regulator: AVR  
Weight: 1047 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

### Product features:

Phase: Single phase / Three phase  
Maximum power single phase (KW): 211  
Continuous power single phase (KW): 196  
Maximum power single phase (KVA): 211  
Continuous power single phase (KVA): 196  
Maximum power three phase (KW): 352  
Continuous power three phase (KW): 320  
Maximum power three phase (KVA): 440  
Continuous power three phase (KVA): 400  
Frequency (Hz): 50 / 60  
Voltage (V): 230 / 400  
Engine rpm (rpm): 1500 / 1800  
Poles: 4  
Single-phase power (KVA): 211  
Three-phase power (KVA): 440  
Efficiency (%): 94.1  
Protection degree: IP23  
Acoustic pressure: 82 dB(A) at 7 m

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Shop name

Brushes: No

PMG: Optional

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 1047



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