



## MECC ALTE ECO40-1L/4 C TYPE THREE PHASE ALTERNATOR 550 KVA AVR

Reference: ECO40-1L/4 C TYPE

### MECC ALTE ECO40-1L/4 C-TYPE THREE-PHASE ALTERNATOR 550 KVA AVR

The alternator MECC ALTE ECO40-1L/4 C-TYPE three-phase with a power of 550KVA, this unit has a self-exciting and self-regulating Brushless operation equipped with AVR voltage regulator.

The ECO40-1L/4 C-TYPE alternator is designed for operation at frequency 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 ECO40-1L/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 ECO40-1L/4 C-TYPE alternator is complete with self-regulation which is obtained by means of a digital electronic regulator powered by an auxiliary winding. The MECC ALTE ECO40-1L/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.

For the correct supply of voltage, the MECC ALTE ECO40-1L/4 alternator needs an electronic control system, known precisely as "voltage regulator" or "AVR". It guarantees the proper functioning of the machine and above all of the electrical network underlying it.

The AVR is an electronic device that converts alternating current with frequency and voltage varying over time into direct current and thus allows you to avoid sudden changes in current.

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

Type of phase: Single / Three-phase  
Maximum threephase power: 601 KVA / 481 KW  
Continuous threephase power: 550 KVA / 440 KW  
Maximum singlephase power: 315 KVA / 315 KW  
Continuous singlephase power: 292 KVA / 292 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: 1321

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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)	315
Continuous power single phase (KW)	292
Maximum power single phase (KVA)	315
Continuous power single phase (KVA)	292
Maximum power three phase (KW)	481
Continuous power three phase (KW)	440
Maximum power three phase (KVA)	601
Continuous power three phase (KVA)	550
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400
Engine rpm (rpm)	1500 / 1800
Poles	4
Single-phase power (KVA)	315
Three-phase power (KVA)	601
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)	1305