



# MECC ALTE ECP32-2L/4 C-TYPE THREE PHASE ALTERNATOR 82.5 KVA AVR

## Product description:

### MECC ALTE ECP32-2L/4 C-TYPE THREE PHASE ALTERNATOR 82.5 KVA AVR

The ECP32 C-Type range has many product features designed into the alternator. C-Type alternators make the most of energy conversion to produce the maximum power to size ratio.

C-Type is now one of the simplest alternators to assemble, integrate, configure and maintain with OEM equipment.

Our aim was to deliver maximum power from the smallest, lightest and strongest alternators and our designers have lavished the C-Type with much more flexibility.

The entire series is manufactured according to, and complies with, the most common specifications such as CEI 2-3, IEC 34-1, EN 60034-1, VDE 0530, BS 4999-5000, CAN/ CSA-C22.2 No14-95- No100-95.

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Self-regulation is obtained through a digital electronic regulator that is fed by an auxiliary winding. We guarantee an almost constant supply from the generator - under any possible operating condition.

A rotating inductor is fitted with a damper cage.

The versatility of Mecc Alte products and their robust design means that ECO and ECP series are formed to meet the requirements of industry and the high technological specifications of applications. They are available either as single bearing or as twin bearing with a double support. In order to couple them to a prime mover, it is possible to choose among a wide range of flanges and couplings.

All alternators consist of a fixed stator with skewed slots and a rotating inductor fitted. In addition, models above 15 KVA are fitted with a damper cage as standard. All alternator windings have a 2/3rd pitch in order to reduce harmonic content.

The generators manufactured by Mecc Alte are in compliance with the CEI 2-3 file 11111 national standard. This Italian standard corresponds to the European standard EN 60034-1 and to the international standard IEC 60034-1; it is related also to the British standard BS 4999 Part 101; it is equivalent to the German standard VDE 0530 Part 1, and it is included in the French standard NF 51.111. Mecc Alte generators meet also the requirements of international ISO 8528-3 standard (Reciprocating internal combustion engine driven alternating current generating sets – Part 3: Alternating current generators for generating sets) and the requirements of NEMA MG 1-2011 (Motors and Generators).

Not binding images and technical data.

### Product features:

Phase: Single phase / Three phase  
Maximum power single phase (KW): 52  
Continuous power single phase (KW): 47  
Maximum power single phase (KVA): 52  
Continuous power single phase (KVA): 47  
Maximum power three phase (KW): 72.8  
Continuous power three phase (KW): 66  
Maximum power three phase (KVA): 91  
Continuous power three phase (KVA): 82.5  
Frequency (Hz): 50 / 60  
Voltage (V): 230 / 400  
Engine rpm (rpm): 1500 / 1800  
Poles: 4  
Single-phase power (KVA): 52  
Three-phase power (KVA): 91  
Efficiency (%): 91  
Protection degree: IP23  
Acoustic pressure: 58 dB(A) at 7 m  
Brushes: No  
PMG: No  
Type of alternator: Constant Speed  
Voltage regulator: AVR  
Weight (Kg): 252  
Precision of voltage regulation:  $\pm 1\%$