

# MECC ALTE ECP3-1L/2 THREE PHASE ALTERNATOR 16KVA AVR



## Product description:

### MECC ALTE ECP3-1L/2 ALTERNATOR 16KVA THREEPHASE

Alternator MECC ALTE ECP3-1L/2 with a power of 16KVA, this unit has a self-exciting and self-regulating Brushless operation equipped with voltage regulator **DSR**.

The rugged design makes the ECP3-1L/2 alternator suitable to meet industry requirements and the most demanding technological specifications needed in various applications. They are available as a bearing in single or dual bearing configuration. To couple them to a main motor, you can choose from a wide range of flanges and fittings.

MECC ALTE ECP3-1L/2 consists of a fixed stator with inclined slots and a rotating inductor. In addition, models above 15 KVA are equipped with a damping cage as standard. All alternator windings have a 2/3 pitch in order to reduce harmonic content.

ECP3-1L/2 can be used as singlephase as required. MECC ALTE ECP3-1L/2 is equipped with DSR digital current regulator. The regulator is suitable for operation on both threephase and singlephase generators, allowing fast, accurate and reliable set-up.

The alternators manufactured by Mecc Alte ECP3-1L/2 comply with the Italian regulation CEI 2-3 file 11111. This standard corresponds to the European standard EN 60034-1 and the international standard IEC 60034-1, is linked to the British standard BS 4999 Part 101, is equivalent to the German standard VDE 0530 Part 1 and is included in the French standard NF 51.111.

The alternators manufactured by Mecc Alte ECP3-1L/2 are in conformity with the Italian standard CEI 2-3 file 11111.

Select the alternator that reflects the **technical specifications you require**, visit our dedicated

section to find out how.

## TECHNICAL FEATURES OF 16KVA MECC ALTE ALTERNATOR ECP3-1L/2

Phase Type: Threephase

Maximum threephase output: 15.4 KW

Continuous threephase output: 12.8KW

Maximum threephase output: 19. 2 KVA

Threephase continuous output: 16 KVA

Frequency: 50 Hz

Voltage: 115 V /230 V / 400 V

Protection class: IP23

Alternator speed: 3000 rpm

Number of poles: 2

Efficiency: 84. 5%

Weight: 80 Kg

Constant speed alternator

Brushless

Voltage regulator: AVR

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

### **Product features:**

Phase: Single phase / Three phase

Continuous power single phase (KW): 9.5 (50Hz) - 11 (60Hz)

Continuous power single phase (KVA): 9.5 (50Hz) - 11 (60Hz)

Maximum power three phase (KW): 12.8 (50Hz) - 15.4 (60Hz)

Continuous power three phase (KW): 11.6 (50Hz) - 13.6 (60Hz)

Maximum power three phase (KVA): 16 (50Hz) - 19.2 (60Hz)

Continuous power three phase (KVA): 14.5 (50Hz) - 17 (60Hz)

Frequency (Hz): 50 / 60

Voltage (V): 230 / 400

Engine rpm (rpm): 3000

Poles: 2

Single-phase power (KVA): 12.5

Three-phase power (KVA): 19.2

Efficiency (%): 84.5

Protection degree: IP23

Acoustic pressure: 70 dB(A) at 7 m

Length (mm): 577.8

Width (mm): 333.4

Height (mm): 451

Brushes: No

PMG: No

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 80