



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

Reference: ECP3-1L/2 B14

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.

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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

Looking for a product with different features? [Here](#) you can find the full 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
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