

# MECC ALTE ECP34-1L/2 THREE PHASE ALTERNATOR 156 KVA AVR



## Product description:

MECC ALTE ECP34-1L/2 THREEPHASE ALTERNATOR 156 KVA DSR

Alternator MECC ALTE ECP34-1L/2 threephase with a power of 156KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with voltage regulator **DSR**.

The MECC ALTE ECP34-1L/2 alternators are self-regulating, 2-pole brushless. They are equipped with a rotating inductor provided with a damping cage and a fixed armature with inclined slots. The windings have a shortened pitch to reduce harmonic content.

Tests for electromagnetic compatibility verification have been performed in compliance with the conditions prescribed by the standards, with the neutral connected to earth.

The mechanical structure of the ECP34-1L/2 alternator, which is always very robust, allows easy access to the connections and makes it possible to perform checks on the various components just as easily. The MECC ALTE housing is made of cast iron, the shaft of C45 steel with splined fan.

The high quality bi-component insulating resin used by Mecc Alte ECP34-1L/2, is a polyester specially developed for use in vacuum or dip and drip impregnation machines. It has superior adhesion strength characteristics, high chemical and humidity resistance and is suitable for use up to 212° C.

The ECP34-1L/2 alternators conform to the Italian CEI 2-3 file 11111 standard. This corresponds to the European standard EN 60034-1 and the international IEC 60034-1, is linked to the British BS 4999 Part 101, is equivalent to the German VDE 0530 Part 1 and is included in the French standard NF 51.111.

TECHNICAL CHARACTERISTICS MECC ALTE ALTERNATOR ECP34-1L/2

Phase Type: SinglePhase / ThreePhase

Maximum SinglePhase Output:

(50Hz) 104KVA / 104KW

(60Hz) 123.4KVA / 123.4KW

Continuous SinglePhase Output:

(50Hz) 92.4KVA / 92.4KW

(60Hz) 111.5KVA / 111.5KW

Maximum threephase output:

(50Hz) 156KVA / 124.8KW

(60Hz) 187KVA / 149.6KW

Continuous threephase output:

(50Hz) 140KVA / 112KW

(60Hz) 169KVA / 135.2KW

Frequency: 50 / 60 Hz

Voltage: 230 / 400 V

Degree of protection: IP23

Alternator speed: 3000 rpm

Number of poles: 2

Efficiency: 91.2%

Width: 552 mm

Length: 897.5 mm

Height: 743 mm

Weight: 446 Kg

Constant speed alternator

Brushless

Voltage regulator: AVR

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### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 104 (50Hz) - 123.4 (60Hz)

Continuous power single phase (KW): 92.4 (50Hz) - 111.5 (60Hz)

Maximum power single phase (KVA): 104 (50Hz) - 123.4 (60Hz)

Continuous power single phase (KVA): 92.4 (50Hz) - 111.5 (60Hz)

Maximum power three phase (KW): 124.8 (50Hz) - 149.6 (60Hz)

Continuous power three phase (KW): 112 (50Hz) - 135.2 (60Hz)

Maximum power three phase (KVA): 156 (50Hz) - 187 (60Hz)

Continuous power three phase (KVA): 140 (50Hz) - 169 (60Hz)

Frequency (Hz): 50 / 60

Voltage (V): 230 / 400

Engine rpm (rpm): 3000

Poles: 2

Single-phase power (KVA): 123.4

Three-phase power (KVA): 187

Efficiency (%): 91.2

Protection degree: IP23

Acoustic pressure: 77 dB(A) at 7 m

Length (mm): 552

Width (mm): 897.5

Height (mm): 743

Dry weight (Kg): 446

Brushes: No

PMG: No

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 225