



MECC ALTE ECP3-2S/2 THREE PHASE ALTERNATOR 10 KVA AVR

Product description:

MECC ALTE ECP3-2S/2 ALTERNATOR 10KVA THREE-PHASE

Alternator MECC ALTE ECP3-2S/2 with a power of 10KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with voltage regulator **DSR**.

The rugged design makes the ECP3-2S/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 double bearing configuration. To couple them to a main motor, you can choose from a wide range of flanges and fittings.

MECC ALTE ECP3-2S/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.

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

The alternators manufactured by Mecc Alte ECP3-2S/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. Mecc Alte ECP3-2S/2 alternators also meet the requirements of the international standard ISO 8528-3 (Generator sets driven by reciprocating internal combustion engines - Part 3: Alternating current generators for generator sets) and the requirements of NEMA MG 1-2011 (Motors and Generators).

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





section to find out how.

TECHNICAL FEATURES OF 10KVA MECC ALTERNATOR ECP3-2S/2

Phase Type: Three-phase

Maximum three-phase output: 9.6 KW

Three-phase continuous output: 8 KW

Three-phase maximum output: 12 KVA

Three-phase continuous output: 10 KVA

Frequency: 50 Hz

Voltage: 115 V / 230 V / 400 V

Protection class: IP23

Alternator speed: 3000 rpm

Number of poles: 2

Efficiency: 80.5%

Weight: 62 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

Maximum power single phase (KW): 7 (50Hz) - 8.4 (60Hz)

Continuous power single phase (KW): 6.3 (50Hz) - 7.56 (60Hz)

Maximum power single phase (KVA): 7 (50Hz) - 8.4 (60Hz)

Continuous power single phase (KVA): 6.3 (50Hz) - 7.56 (60Hz)

Maximum power three phase (KW): 8 (50 hz) - 9.6 (60Hz)

Continuous power three phase (KW): 7.2 (50 hz) - 8.6 (60Hz)

Maximum power three phase (KVA): 10 (50 hz) - 12 (60Hz)

Continuous power three phase (KVA): 9 (50 hz) - 10.8 (60Hz)

Frequency (Hz): 50 / 60

Voltage (V): 230 / 400

Engine rpm (rpm): 3000





Poles: 2

Single-phase power (KVA): 8.4

Three-phase power (KVA): 12

Efficiency (%): 80.5

Protection degree: IP23

Acoustic pressure: 70 dB(A) at 7 m

Length (mm): 507.8

Width (mm): 333.4

Height (mm): 451

Brushes: No

PMG: No

Type of alternator: Constant Speed

Voltage regulator: AVR

Weight (Kg): 62