



MECC ALTE ECP32-2S/2 C-TYPE THREE PHASE ALTERNATOR 50 KVA AVR

Reference: ECP32-2S/2C SAE3 d6.5

MECC ALTE ECP32-2S/2 C-TYPE THREEPHASE ALTERNATOR 50 KVA DSR

Alternator MECC ALTE ECP32-2S/2 C-TYPE threephase with a power of 50KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with **DSR** voltage regulator.

The ECP32-2S/2 alternator is complete with self-regulation which is achieved through a digital electronic regulator powered by an auxiliary winding.

The MECC ALTE ECP32-2S/2 alternator is ruggedly suited to meet industry requirements and the most demanding technological specifications needed in various applications.

The ECP32-2S/2 alternator 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 the harmonic content.

The MECC ALTE ECP32-2S/2 alternators comply with the Italian CEI 2-3 file 11111. This standard corresponds to the European EN 60034-1 and the international IEC 60034-1, is linked to the British BS 4999 Part 101, is equivalent to the German standard VDE 0530 Part 1 and is included in the French standard NF 51.111.

TECHNICAL FEATURES MECC ALTE ALTERNATOR ECP32-2S/2 C-TYPE

Phase Type: SinglePhase / ThreePhase

Maximum SinglePhase Output:

(50Hz) 33KVA / 33KW

(60Hz) 39KVA / 39KW

Continuous SinglePhase Output:

(50Hz) 29.7KVA / 29.7KW

(60Hz) 35.7KVA / 35.7KW

Maximum threephase output:

(50Hz) 50KVA / 40KW

(60Hz) 60KVA / 48KW

Continuous threephase output:

(50Hz) 45KVA / 36KW

(60Hz) 54KVA / 43.2KW

Frequency: 50 / 60 Hz

Voltage: 230 / 400 V

Degree of protection: IP23

Alternator speed: 3000 rpm

Number of poles: 2

Efficiency: 88.1%

Width: 542.7 mm

Length: 613.5 mm
 Height: 542.7 mm
 Weight: 199 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

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	33 (50Hz) - 39 (60Hz)
Continuous power single phase (KW)	29.7 (50Hz) - 35.7 (60Hz)
Maximum power single phase (KVA)	33 (50Hz) - 39 (60Hz)
Continuous power single phase (KVA)	29.7 (50Hz) - 35.7 (60Hz)
Maximum power three phase (KW)	40 (50Hz) - 48 (60Hz)
Continuous power three phase (KW)	36 (50Hz) - 43.2 (60Hz)
Maximum power three phase (KVA)	50 (50Hz) - 60 (60Hz)
Continuous power three phase (KVA)	45 (50Hz) - 54 (60Hz)
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400
Engine rpm (rpm)	3000
Poles	2
Single-phase power (KVA)	39
Three-phase power (KVA)	60
Efficiency (%)	88.1
Protection degree	IP23
Acoustic pressure	77 dB(A) at 7 m
Length (mm)	542.7
Width (mm)	613.5
Height (mm)	542.7
Dry weight (Kg)	199
Brushes	No
PMG	No
Type of alternator	Constant Speed
Voltage regulator	AVR
Weight (Kg)	225