



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

## Product description:

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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#### Product features:

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