Man.El.Service Srl
Torino: +39 011 25 35 33 I Milano: +39 02 83 62 30 79
info@manelservice.com
Via Carlo Pittara 46 - 10151 Torino (TO) - Italy
PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

MECC ALTE ECP28-L/4 C-TYPE THREE-PHASE ALTERNATOR 25KVA

Reference: ECP28-L/4 C-TYPE

MECC ALTE ECP28-L/4 C-TYPE ALTERNATOR 25KVA THREE-PHASE

Alternator MECC ALTE ECP28-L/4 C-TYPE with a power of 25KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with voltage regulator **DSR**.

The ECP28-L/4 C-TYPE alternator is designed to operate at 50 or 60 HZ frequency, the possibility of working on these two frequencies makes it possible to apply it for any service voltage increasing its versatility, for the correct operation. For correct operation it is only necessary to verify that the calibrations are correct for the intended use.

MECC ALTE ECP28-L/4 is supplied with 12 terminals (7 terminals), with which it is normally possible to connect the alternator both in series star and parallel star. According to the needs it is possible to pass from a connection to another one keeping in mind that it is necessary to verify the DSR.

ECP28-L/4 C-TYPE can be used as single-phase depending on the needs. MECC ALTE ECP28-L/4 is equipped with digital current regulator DSR . The regulator is suitable for operation on both three-phase and single-phase generators, allowing fast, accurate and reliable set-up.

All MECC ALTE ECP28 alternators have the MAUX auxiliary winding to power the DSR digital regulator. You can connect the DSR voltage regulator to your PC via the DxR2 USB interface and DxR TERMINAL software to query/download alarms and settings for analysis. The DSR has a built-in USB and can be connected to the PC without any optional connection card. Other settings such as LAMS, external synchronous digital RAM-based control and soft start are achievable through the DxR connection.

The robust mechanical structure withstands up to 5G in any direction and 9G vertically, and its design allows easy access to connections and components during routine maintenance checks. The mechanical design used the most advanced
FEM techniques. The materials used are FEP12 steel for the frame, C45 steel for the shaft and cast iron or pressure die-cast aluminum for the end supports.The fans are made of die-cast aluminum or fiberglass filled nylon, UL compliant materials. The rotors are dynamically balanced according to ISO 1940-1 grades 6.3 (up to Series 32) or 2.5 (Series 34 and up).

Select the alternator that reflects the **technical specifications you require**, visit our dedicated section to find out how.

TECHNICAL FEATURES OF 25KVA MECC ALTE ALTERNATOR ECP28-L/4 C-TYPE

Phase Type: SinglePhase / ThreePhase
Maximum ThreePhase Power: 27.5KVA / 21.6KW
Continuous ThreePhase Power: 25KVA / 20KW
Maximum SinglePhase Power: 18KVA / 18 KW
Continuous SinglePhase Power: 16.5KVA / 16.5 KW
Frequency: 50 / 60 Hz
Voltage: 230 V / 400 V
Protection class: IP23
Alternator speed: 1500 / 1800 rpm
Number of poles: 4
Efficiency: 87. 6%
Weight: 121.9 Kg
Width: 466.7 mm
Length: 548.8 mm

Man.El.Service Srl
Torino: +39 011 25 35 33 I Milano: +39 02 83 62 30 79
info@manelservice.com
Via Carlo Pittara 46 - 10151 Torino (TO) - Italy
PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V

Height: 460 mm
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
Maximum power single phase (KW)	18
Continuous power single phase (KW)	16.5
Maximum power single phase (KVA)	18
Continuous power single phase (KVA)	16.5
Maximum power three phase (KW)	21.6
Continuous power three phase (KW)	20
Maximum power three phase (KVA)	27.5
Continuous power three phase (KVA)	25
Frequency (Hz)	50 / 60
Voltage (V)	230 / 400
Engine rpm (rpm)	1500 / 1800
Poles	4
Single-phase power (KVA)	18
Three-phase power (KVA)	27.5
Efficiency (%)	87.6
Protection degree	IP23
Acoustic pressure	57 dB(A) at 7 m
Brushes	No
PMG	No
Type of alternator	Constant Speed
Voltage regulator	AVR
Weight (Kg)	136