



MECC ALTE ECP32-1L/4 C-TYPE THREE-PHASE ALTERNATOR 75KVA

Reference: ECP32-1L/4 C-TYPE

MECC ALTE ECP32-1L/4 C-TYPE ALTERNATOR 75KVA THREEPHASE DSR

Alternator MECC ALTE ECP32-1L/4 C-TYPE with a power of 75KVA, this unit has a Brushless self-exciting and self-regulating operation equipped with voltage regulator **DSR**.

The ECP32-1L/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 ECP32-1L/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.

ECP32-1L/4 C-TYPE can be used as single-phase depending on the needs. MECC ALTE ECP32-1L/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 ECP32 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.

Our whole range can be fitted with anti-condensation heaters of adequate power sized to alternator kVA. Voltage for heaters must be specified when ordering. New cylindrical cartridge style heaters are available on request and it can be retrofitted.

Additional optionals can be fit on our alternator series, such as PTC thermistors or PT100 both on windings and bearings, dew heaters, high and low profile of terminal boxes (on most series), parallel devices (standard from ECO38), current and voltage transformers, air filters, IP43 and IP45 protections and many others.

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

TECHNICAL FEATURES OF 75KVA MECC ALTE ALTERNATOR ECP32-1L/4 C-TYPE

Phase Type: SinglePhase / ThreePhase
Maximum ThreePhase Power: 82.5KVA / 66KW
ThreePhase continuous power: 75KVA / 60KW
Maximum singlephase power: 50KVA / 50 KW
Singlephase continuous power: 45KVA / 45 KW
Frequency: 50 / 60 Hz
Voltage: 230 V / 400 V
Protection class: IP23

Alternator speeds: 1500 / 1800 rpm
Number of poles: 4
Efficiency: 89.9%
Weight: 244 Kg
Width: 553 mm
Length: 743.5 mm
Height: 542.2 mm
Constant speed alternator
Brushless
Voltage regulator: DSR (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) | 50 |
| Continuous power single phase (KW) | 45 |
| Maximum power single phase (KVA) | 50 |
| Continuous power single phase (KVA) | 45 |
| Maximum power three phase (KW) | 66 |
| Continuous power three phase (KW) | 60 |
| Maximum power three phase (KVA) | 82.5 |
| Continuous power three phase (KVA) | 75 |
| Frequency (Hz) | 50 / 60 |
| Voltage (V) | 230 / 400 |
| Engine rpm (rpm) | 1500 / 1800 |
| Poles | 4 |
| Single-phase power (KVA) | 50 |
| Three-phase power (KVA) | 82.5 |
| Efficiency (%) | 89.9 |
| Protection degree | IP23 |
| Acoustic pressure | 58 dB(A) at 7 m |
| Brushes | No |
| PMG | No |
| Type of alternator | Constant Speed |
| Voltage regulator | AVR |
| Weight (Kg) | 244 |