



MECC ALTE ECO46-VL/4 THREE PHASE ALTERNATOR 2800 KVA AVR

Reference: ECO46-VL/4 SAE0 d18

MECC ALTE ECO46-VL/4 THREE-PHASE ALTERNATOR 2800 KVA AVR

MECC ALTE ECO46-VL/4 is a three-phase alternator capable of delivering a maximum power of 2800KVA complete with voltage regulator AVR.

Self-regulation is achieved by means of a digital electronic regulator powered by an auxiliary winding. We guarantee a nearly constant supply from the generator - under any operating condition.

The versatility of Mecc Alte products and their robust design make the ECO46-VL/4 series suitable to meet the demands of industry and the most demanding technological specifications needed in various applications. They are available as bearing in single or double bearing configuration. To couple them to a main engine, you can choose from a wide range of flanges and fittings.

All MECC ALTE ECO46-VL/4 alternators consist of a fixed stator with inclined slots and a rotating inductor. In addition, MECC ALTE ECO46-VL/4 models are equipped with a damping cage as standard. All windings have a 2/3 pitch in order to reduce the harmonic content.

The alternators manufactured by Mecc Alteare in compliance 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 generators also meet the requirements of the international standard ISO 8528-3 (Generator sets driven by reciprocating internal combustion engines - Part 3: Current generators for generator sets and NEMA MG 1-2011 requirements.

MECC Alte ECO46-VL/4 TECHNICAL CHARACTERISTICS

Phase Type: Three-phase
Maximum three-phase power: 2419 KW
Three-phase continuous use power: 2240 KW
Maximum three-phase power: 3024 KVA
Three-phase continuous use power: 2800 KVA
Frequency: 50 Hz
Voltage: 400 V
Protection class: IP23
Alternator speed: 1500 rpm
Number of poles: 4
Efficiency: 96.9%
Weight: 5120 Kg
Constant speed alternator
Brushless
Voltage regulator: AVR

Are you looking for an alternator with different characteristics? [Here](#) you can find the whole range of MECC ALTE or other specialized brands

Images and technical data not binding.

Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	2419
Continuous power three phase (KW)	2240
Maximum power three phase (KVA)	3024
Continuous power three phase (KVA)	2800
Frequency (Hz)	50 / 60
Voltage (V)	400
Engine rpm (rpm)	1500 / 1800
Poles	4
Three-phase power (KVA)	3024
Efficiency (%)	96.9
Protection degree	IP23
Acoustic pressure	86 dB(A) at 7 m
Brushes	No
PMG	Optional
Type of alternator	Constant Speed
Voltage regulator	AVR
Weight (Kg)	5120