



## MECC ALTE T20FS-160 THREE PHASE ALTERNATOR 12.5 KVA CAPACITOR

### Product description:

Designed to be exceptionally versatile, these portable products are manufactured to be suitable for all applications where an easy transportable energy source is needed. These portable alternators are available with a 50 or 60 Hz frequency, all with 2 poles ranging from 1 - 18 KVA available either as single bearing or as twin bearing with a double support. In order to couple them to a prime mover it is possible to choose among a wide range of shafts, flanges and couplings. The 2 pole rotors have a damper cage and the stator windings have a shortened pitch to reduce the harmonic content. The single phase units are designed brushless and have a high operating reliability. Minimal maintenance is required as there are no collectors or sliding contacts. The three phase range is designed with brushes and a slip ring and is transformer-controlled. This enables a high pick-up capacity ideal for motor start applications.

For more specialist applications, a high performance range of Automatic Voltage Regulator (AVR) machines is available. The ES range is single phase AVR-controlled but designed with brushes and a slip ring to allow for good voltage regulation and improved motor starting; supply loads different than power factor 1.0 such as modern electronics or pumps. The ET alternators are a three phase version of this type of machine. Both types have adjustable voltage output, a stabilizing point and under frequency protection as standard.

In addition, it's possible to also supply a capacitor-controlled AVR, the RCM/2, which improves voltage control to 2.5% available on the machines without brushes.

The single phase portable series is manufactured according to, and to comply with, the most common specifications such as CEI 2-3, IEC 34-1, EN 60034-1, IEC 34-1, VDE 0530, BS 4999-5000, NF C 51-111, CAN/CSA-C22.2 No100-95. It also complies with the European Community Standards: 72/23, 98/37, 89/336. The three phase portable series is manufactured according to CEI 2-3, IEC 34-1, EN 60034-1, IEC 34-1, VDE 0530, BS 4999-5000, NF C 51-111.

Not binding images and technical data.



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**Product features:**

Phase: Single phase / Three phase  
Continuous power single phase (KW): 8.5  
Continuous power single phase (KVA): 8.5  
Maximum power three phase (KW): 11.04  
Continuous power three phase (KW): 10  
Maximum power three phase (KVA): 13.8  
Continuous power three phase (KVA): 12.5  
Frequency (Hz): 50  
Voltage (V): 230 / 400  
Engine rpm (rpm): 3000  
Poles: 2  
Single-phase power (KVA): 8.5  
Three-phase power (KVA): 13.8  
Efficiency (%): 82  
Protection degree: IP23  
Acoustic pressure: 63 dB(A) at 7 m  
Brushes: No  
PMG: No  
Type of alternator: Constant Speed  
Voltage regulator: Capacitor  
Weight (Kg): 55.7

