



## SINCRO EK2 MCT Single Phase Synchronous AC Alternator 7,5 kVA Capacitor

Reference: EK2 MCT J609b c 25.4

### SINCRO EK2 MCT ALTERNATOR 7,5KVA SINGLE-PHASE

Alternator SINCRO EK2 MCT Singlephase with a power of 7,5KVA, this unit has a Brushless operation equipped with capacitor voltage regulator.

The alternator is foreseen to work at frequency 50 or 60 HZ, the possibility to work on these two frequencies makes possible its application for any service voltage increasing its versatility, for a correct operation.

All the components that make up the SINCRO EK2 MCT alternator are subjected to a specific coating and/or impregnation process aimed at safeguarding the functionality of the generator and protecting the critical peers in the various conditions of use.

For extreme weather conditions, models are available that also guarantee IP23 standard water protection up to 60° from vertical. SINCRO EK2 MCT is a brushless alternator, this feature together with the high efficiency of the regulator ensure a low level of interference with radio waves.

SINCRO alternators are all equipped with a voltage regulator, in the case of the EK2 MCT model with a capacitor. The voltage regulator is an electronic device that automatically regulates the voltage and, if necessary, the frequency and/or the electrical current according to set values. These values can be changed or bound to the technical characteristics of the regulator itself.

Basically, thanks to a voltage regulator, the alternating current (with time-varying frequency and voltage) coming from the alternator is regulated and transformed into direct current with constant voltage.

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

#### SINCRO EK2 MCT TECHNICAL FEATURES

Phase Type: Single Phase  
SinglePhase Maximum Output: 5.6 KW  
SinglePhase Continuous Output: 4.8 KW  
SinglePhase Maximum Output: 7.5 KVA  
SinglePhase Continuous Output: 6.0 KVA  
Frequency: 50-60 Hz  
Voltage: 230 V  
Degree of protection: IP23  
Alternator speed: 3000 rpm  
Number of poles: 2  
Weight: 25.9 Kg  
Brushless  
Voltage regulator: Condenser

Alternator type: Constant speed

Looking for a product with different characteristics? [Here](#) you can find the full range SINCRO and other specialized brands.

Images and technical data not binding and subject to change by the manufacturer

## Technical Sheet

|                          |                |
|--------------------------|----------------|
| Phase                    | Single phase   |
| Frequency (Hz)           | 50             |
| Voltage (V)              | 230            |
| Engine rpm (rpm)         | 3000           |
| Poles                    | 2              |
| Single-phase power (KW)  | 6              |
| Single-phase power (KVA) | 7.5            |
| Efficiency (%)           | 79             |
| Protection degree        | IP23           |
| Dry weight (Kg)          | 26             |
| Brushes                  | No             |
| Type of alternator       | Constant Speed |
| Voltage regulator        | Capacitor      |