



# SINCRO FK2 MFA Single Phase Synchronous AC Alternator 12 kVA AVR

## Product description:

### SINCRO FK2 MFA ALTERNATOR 12KVA SINGLE-PHASE

Alternator SINCRO FK2 MFA single phase with a power of 12KVA, this unit has a Brush operation equipped with AVR voltage regulator.

The alternator is designed for operation at frequency 50 or 60 HZ, the possibility of working on these two frequencies makes it possible the application for any service voltage increasing its versatility, for the correct operation.

All the components that make up the SINCRO FK2 MFA 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.

The SINCRO FK2 MFA alternators are designed to be exceptionally versatile, they are made to be suitable for all applications where an easy-to-transport power source is required.

SINCRO alternators all come equipped with voltage regulators, in the case of the FK2 MFA AVR model.

The voltage regulator is an electronic device which regulates the alternating current coming from the alternator and converts it into direct current.

In our field voltage regulators are widely used in the latest generation of synchronous generators.

All synchronous machines need an electronic control system to work, and this device, known as "voltage regulator" or "AVR" (acronym of Automatic Voltage Regulator), guarantees the good working of the machine and above all of the electric network underneath it.

Select the alternator that reflects the **technical specifications you require**, visit our dedicated



section to understand how.

## SINCRO FK2 MFA TECHNICAL SPECIFICATIONS

Phase Type: Single Phase  
Maximum SinglePhase Output: 11.5 KW  
Continuous SinglePhase Output: 9.6 KW  
Maximum singlephase output: 14.4 KVA  
Continuous singlephase output: 12.0 KVA  
Frequency: 50-60 Hz  
Voltage: 230 V  
Protection class: IP23  
Alternator speed: 3000 rpm  
Number of poles: 2  
Weight: 55.0 Kg  
With Brushes  
Voltage regulator: AVR  
Type of alternator: constant speed

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Images and technical data are not binding and subject to changes by the manufacturer

### **Product features:**

Phase: Single phase  
Frequency (Hz): 50  
Voltage (V): 230  
Engine rpm (rpm): 3000  
Poles: 2  
Single-phase power (KW): 12  
Single-phase power (KVA): 12  
Efficiency (%): 81.2  
Protection degree: IP23  
Dry weight (Kg): 55  
Brushes: Yes  
Type of alternator: Constant Speed  
Voltage regulator: AVR

