



# SINCRO FK2 MEA Single Phase Synchronous AC Alternator 10 kVA AVR

## Product description:

### SINCRO FK2 MEA ALTERNATOR 10KVA SINGLE-PHASE

Alternator SINCRO FK2 MEA single phase with a power of 10KVA, this unit has a Brush operation equipped with AVR voltage regulator.

The alternator is foreseen for the operation 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 the correct operation.

All the components that make up the SINCRO FK2 MEA 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 MEA 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 MEA AVR model.

The voltage regulator is an electronic device which regulates the alternating current coming from the alternator and transforms 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.

## TECHNICAL FEATURES SINCRO FK2 MEA

Phase Type: Single-phase

Maximum singlephase output: 9.6 KW

Maximum singlephase continuous output: 8.0 KW

Maximum singlephase output: 12.0 KVA

Maximum singlephase continuous output: 10.0 KVA

Frequency: 50-60 Hz

Voltage: 230 V

Protection class: IP23

Alternator speed: 3000 rpm

Number of poles: 2

Weight: 47.0 Kg

With Brushes

Voltage regulator: AVR

Type of alternator: constant speed

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

### **Product features:**

Phase: Single phase

Frequency (Hz): 50

Voltage (V): 230

Engine rpm (rpm): 3000

Poles: 2

Single-phase power (KW): 10

Single-phase power (KVA): 10

Efficiency (%): 79.8

Protection degree: IP23

Dry weight (Kg): 47

Brushes: Yes

Type of alternator: Constant Speed

Voltage regulator: AVR