



# SINCRO ER2 CBA Single Phase Synchronous AC Alternator 4.8 kVA AVR

## Product description:

### SINCRO ER2 CBA ALTERNATOR 4,8 KVA SINGLE-PHASE

Alternator SINCRO ER2 CBA single-phase with a power of 4,8KVA, this unit has a Brushes 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. SINCRO ER2 CBA has been realized with the body entirely in steel, this makes the alternator very resistant and suitable for heavy duty use.

All the components that make up the SINCRO ER2 CBA alternator are subjected to a specific coating and/or impregnation process to safeguard the functionality of the generator and protect the critical peers in the various conditions of use.

SINCRO ER2 CBA is a brushes 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 ER2 CBA 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**, section to understand how.

## TECHNICAL FEATURES SINCRO ER2 CBA

Phase Type: Single-phase  
Maximum singlephase output: 4.8 KW  
Maximum singlephase continuous output: 3.8 KW  
Maximum singlephase output: 6.0 KVA  
Maximum singlephase continuous output: 4.8 KVA  
Frequency: 50-60 Hz  
Voltage: 230 V  
Protection class: IP23  
Alternator speed: 3000 rpm  
Number of poles: 2  
Weight: 21.6 Kg  
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): 4.8  
Single-phase power (KVA): 4.8  
Efficiency (%): 78  
Protection degree: IP23  
Dry weight (Kg): 21.5  
Brushes: Yes  
Type of alternator: Constant Speed  
Voltage regulator: AVR

