



## SINCRO ER2 CAA Single Phase Synchronous AC Alternator 4.2 kVA AVR

Reference: ER2 CAA J609a c19

### SINCRO ER2 CAA ALTERNATOR 4,2 KVA SINGLE-PHASE

Alternator SINCRO ER2 CAA single-phase with a power of 4.2KVA, this unit has a Brushless 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 CAA 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 CAA alternator are subjected to a specific coating and/or impregnation process to safeguard the functionality of the generator and protect the critical peers in various conditions of use.

SINCRO ER2 CAA 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 ER2 CAA AVR model.

The voltage regulator is an electronic device that 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.

#### SINCRO ER2 CAA TECHNICAL CHARACTERISTICS

Phase Type: Single-phase  
Maximum singlephase output: 4.0 KW  
Maximum singlephase continuous output: 3.2 KW  
Maximum singlephase output: 5.2 KVA  
Maximum singlephase continuous output: 4.2 KVA  
Frequency: 50-60 Hz  
Voltage: 230 V  
Protection class: IP23  
Alternator speed: 3000 rpm  
Number of poles: 2

Weight: 20.7 Kg  
Brushless  
Voltage regulator: AVR  
Type of alternator: constant speed

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

Images and technical data are 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)	4.2
Single-phase power (KVA)	4.2
Efficiency (%)	77
Protection degree	IP23
Dry weight (Kg)	20.7
Brushes	Yes
Type of alternator	Constant Speed
Voltage regulator	AVR