



# SINCRO ER2 CXA Single Phase Synchronous AC Alternator 3 kVA AVR



## Product description:

### SINCRO ER2 CXA ALTERNATOR 3,0 KVA SINGLE-PHASE

Alternator SINCRO ER2 CXA single-phase with a power of 3,0KVA, this unit has a Brushless operation equipped with AVR voltage regulator.

The alternator is provided 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. SINCRO ER2 CXA 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 CXA alternator are subjected to a specific coating and/or impregnation process to safeguard the functionality of the generator and protect the critical peers under various conditions of use.

SINCRO ER2 CXA 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 CXA 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.

In fact, all synchronous machines need an electronic control system to operate, and this device, known as a "voltage regulator" or "AVR" (acronym for Automatic Voltage Regulator), ensures the proper functioning of the machine and especially of the underlying electrical network.



Select the alternator that meets the **technical specifications** you require, section to find out how.

### SINCRO ER2 CXA TECHNICAL FEATURES

Phase Type: Single Phase  
Maximum single-phase output: 3.0 KW  
Single Phase Continuous Output: 2.4 KW  
Maximum single-phase output: 3.7 KVA  
Single Phase Continuous Output: 3.0 KVA  
Frequency: 50-60 Hz  
Voltage: 230 V  
Degree of protection: IP23  
Alternator speed: 3000 rpm  
Number of poles: 2  
Weight: 18.3 Kg  
Brushless  
Voltage regulator: AVR  
Alternator type: 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): 3  
Single-phase power (KVA): 3  
Efficiency (%): 75  
Protection degree: IP23  
Dry weight (Kg): 18.3  
Brushes: Yes  
Type of alternator: Constant Speed  
Voltage regulator: AVR