



# SINCRO ER2 CXT Single Phase Synchronous AC Alternator 3 kVA Capacitor



## Product description:

### SINCRO ER2 CXT ALTERNATOR 3,7KVA SINGLEPHASE

Alternator SINCRO ER2 CXT singlephase with a power of 3,7KVA, this unit has a Brushless operation equipped with capacitor voltage regulator.

The alternator SINCRO ER2 CXT is foreseen to work 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 a correct operation.

All the components that make up the SINCRO ER2 CXT 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.

For extreme atmospheric conditions, models are available that also guarantee IP23 standard protection against water up to 60° from vertical. SINCRO ER2 CXT 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 SINCRO ER2 CXT with a capacitor. The purpose of the regulator in a current generator is to keep the output stable. The lagging current opposes the inductor magnetic field, causing a voltage drop at the alternator output terminals; to compensate for this phenomenon, the regulator intervenes automatically by increasing the excitation current, until the voltage returns to the nominal value. If the load is capacitive, the current magnetizes the inductor causing an increase in the voltage; in this case the regulator intervenes by reducing the excitation current.

Select the alternator that reflects the **technical specifications you require**, visit our dedicated section to understand how.



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## TECHNICAL FEATURES SINCRO ER2 CXT

Phase type: Singlephase  
Maximum singlephase output: 3.0KW  
Singlephase continuous output: 2.4KW  
Maximum singlephase output: 3.7KVA  
Singlephase continuous output: 3.0KVA  
Frequency: 50-60Hz  
Voltage: 230 V  
Degree of protection: IP23  
Alternator revolutions: 3000 rpm  
Number of poles: 2  
Weight: 18.0 Kg  
Width: 212 mm  
Length: 384 mm  
Height: 203 mm  
Without brushes  
Regulator: Capacitor  
Alternator type: Constant speed

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Images and technical data are 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  
Brushes: No  
Type of alternator: Constant Speed  
Voltage regulator: Capacitor