



# SINCRO EK2 LAT Single Phase Synchronous AC Alternator 7 kVA Capacitor



## Product description:

### SINCRO EK2 LAT ALTERNATOR 8,8KVA SINGLE-PHASE

Alternator SINCRO EK2 LAT Singlephase with a power of 8,8KVA, this unit has a Brushless operation equipped with capacitor voltage regulator.

The alternator 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 EK2 LAT alternator are subjected to a specific coating and/or impregnation process aimed at safeguarding the generator's functionality and protecting the critical peers in the various conditions of use.

For extreme weather conditions, models are available that also guarantee IP23 standard protection against water up to 60° from vertical. SINCRO EK2 LAT 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 EK2 LAT model with a capacitor. The voltage regulator is an electronic device that automatically regulates the voltage and, if necessary, the frequency and/or the electrical current according to set values. These values can be modified or bound to the technical characteristics of the regulator itself.

The voltage regulator, applied to synchronous current generators, has the objective of maintaining constant operation of the machine, in its regime of greatest efficiency. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to phase other users present in the same settlement, these values may vary.

Select the alternator that reflects the **technical specifications you require**, visit our dedicated



section to understand how.

## TECHNICAL FEATURES SINCRO EK2 LAT

Phase Type: Single Phase  
Maximum singlephase output: 6.4 KW  
SinglePhase Continuous Output: 5.6 KW  
Maximum singlephase output: 8.8 KVA  
SinglePhase Continuous Output: 7.0 KVA  
Frequency: 50-60 Hz  
Voltage: 230 V  
Degree of protection: IP23  
Alternator speed: 3000 rpm  
Number of poles: 2  
Weight: 30.5 Kg  
Without brushes  
Voltage regulator: Condenser  
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): 7  
Single-phase power (KVA): 7  
Efficiency (%): 80  
Protection degree: IP23  
Dry weight (Kg): 30.5  
Brushes: No  
Type of alternator: Constant Speed  
Voltage regulator: Capacitor