



# SINCRO EK2 LAA Single Phase Synchronous AC Alternator 6 kVA AVR

## Product description:

### SINCRO EK2 LAA ALTERNATOR 6,0 KVA SINGLE-PHASE

Alternator SINCRO EK2 LAA single phase with a power of 6,0KVA, this unit has a Brush operation equipped with AVR voltage regulator.

The alternator is designed for operation at frequency 50 or 60 HZ, the possibility of working on these two frequencies makes it possible to apply for any service voltage increasing its versatility, for the correct operation. SINCRO EK2 LAA has been realized with the body entirely in steel, this makes the alternator very resistant and suitable for heavy duty use.

All components that make up the SINCRO EK2 LAA alternator undergo a special coating and/or impregnation process to safeguard generator functionality and protect critical parts under a variety of operating conditions.

SINCRO alternators are all equipped with voltage regulators, in the case of the EK2 LAA AVR model.

The voltage regulator is an electronic device that regulates the alternating current coming from the alternator and converts it into direct current.

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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.

## SINCRO EK2 LAA TECHNICAL SPECIFICATIONS

Phase Type: Single-phase  
Maximum singlephase output: 6.0 KW  
Maximum singlephase continuous output: 4.8 KW  
Maximum singlephase output: 7.5 KVA  
Maximum singlephase continuous output: 6.0 KVA  
Frequency: 50-60 Hz  
Voltage: 230 V  
Protection class: IP23  
Alternator speed: 3000 rpm  
Number of poles: 2  
Weight: 31.1 Kg  
With Brushes  
Voltage regulator: AVR  
Type of alternator: 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): 6  
Single-phase power (KVA): 6  
Efficiency (%): 79  
Protection degree: IP23  
Dry weight (Kg): 31  
Brushes: Yes  
Type of alternator: Constant Speed



Voltage regulator: AVR