



SINCRO EK2 LAT Single Phase Synchronous AC Alternator 7 kVA Capacitor

Reference: EK2 LAT J609b c 25.4

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

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

Images and technical data 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)	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