



SINCRO EK2 LCT Single Phase Synchronous AC Alternator 8 kVA Capacitor

Reference: EK2 LCT J609b c 25.4

SINCRO EK2 LCT ALTERNATOR 10 KVA SINGLE-PHASE

Alternator SINCRO EK2 LCT singlephase with a power of 10KVA, 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 LCT 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 weather conditions, models are available that also guarantee IP23 standard water protection up to 60° from vertical. SINCRO EK2 LCT 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 LCT model with a capacitor. The voltage regulator, applied to synchronous current generators, has the objective of maintaining a constant operation of the machine, in its most efficient regime. Generally, this means keeping the power factor at values close to 1, but if the synchronous machine is also used to phase other consumers 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 LCT

Phase Type: Single-phase
Maximum singlephase output: 8.0 KW
Maximum singlephase continuous output: 6.4 KW
Maximum singlephase output: 10.0 KVA
Maximum singlephase continuous output: 8.0 KVA
Frequency: 50-60 Hz
Voltage: 230 V
Protection rating: IP23
Agent speed: 3000 rpm
Number of poles: 2
Weight: 34.7Kg
Brushless
Voltage regulator: Condenser
Type of alternator: constant speed

Looking for a product with different features? [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) | 8 |
| Single-phase power (KVA) | 8 |
| Efficiency (%) | 81 |
| Protection degree | IP23 |
| Dry weight (Kg) | 35 |
| Brushes | No |
| Type of alternator | Constant Speed |
| Voltage regulator | Capacitor |