



## SINCRO IB4 MB SINGLE-THREE PHASE ALTERNATOR 45KVA AVR

Reference: IB4 MB SAE4 d6.5

### SINCRO IB4 MB ALTERNATOR 45KVA THREE-PHASE

Alternator SINCRO IB4 MB three-phase with a power of 45KVA, this unit has a Brushless 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 the application for any voltage of service increasing its versatility, for the correct operation.

All the components that make up the SINCRO IB4 MB 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.

SINCRO IB4 MB 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 IB4 MB AVR model.

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

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**, visit our [dedicated section](#) to understand how.

#### TECHNICAL FEATURES SINCRO IB4 MB

Phase Type: Three-phase  
Maximum Threephase Output: 39.2 KW  
Continuous Threephase Output: 36.0 KW  
Maximum Threephase Output: 49.5 KVA  
Continuous Threephase Output: 45.0 KVA  
Frequency: 50 Hz  
Voltage: 400 V  
Protection Degree: IP23  
Isolation class: H  
Alternator speed: 1500 rpm  
Efficiency: 87,5%

Number of poles: 4  
Weight: 154 kg  
Brushless  
Voltage regulator: AVR  
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 are not binding and subject to change by the manufacturer

## Technical Sheet

Phase	Single phase / Three phase
Frequency (Hz)	50
Voltage (V)	230 / 400
Engine rpm (rpm)	1500
Poles	4
Single-phase power (KW)	21.6
Single-phase power (KVA)	27
Three-phase power (KW)	36
Three-phase power (KVA)	45
Efficiency (%)	87.5
Protection degree	IP23
Dry weight (Kg)	154
Brushes	No
Type of alternator	Constant Speed
Voltage regulator	AVR