

# AC Synchronous Alternator 6.8kW-2500kW

AC synchronous alternator designed for power generation applications. It features robust construction ensuring reliable operation in demanding environments and efficient, stable electrical output.



## ADDITIONAL IMAGES



## Overview

### High-Performance AC Synchronous Alternator

This AC synchronous alternator is engineered for robust performance in demanding power generation environments. Covering a wide power range from 6.8kW to 2500kW, it serves as a dependable solution for both prime and standby power systems. Built for durability and efficiency, the unit undergoes rigorous testing including idle, full, and overload assessments to ensure consistent and stable electrical output.

## Technical Specifications

### Power Range

**6.8 kW**

Minimum Power

**2500 kW**

Maximum Power

### Performance Data

Parameter	Value
Voltage	115/230V
Rated Current	65.2/32.6A
Power Factor	1.0
Speed	1500 RPM
Frequency	50 Hz
Insulation Class	F
Protection Class	IP21

## Quality & Compliance

### Testing Protocol

- 100% test on idle load
- Full load testing
- 10% overload testing before delivery

### Certifications

CE, ISO 9001

## Warranty & Support

### Warranty Policy

The product is covered against defects in material and workmanship for a period of 12 months or 1000 hours, whichever comes first from the date of delivery to the end user. This warranty is backed by engine and alternator suppliers, excluding damageable spare parts caused by incorrect operation.