

# Single Phase AC Synchronous Alternator

This AC synchronous alternator is designed for single-phase power generation. It is suitable for various applications requiring reliable AC power.



## ADDITIONAL IMAGES



## Overview

### ST Series AC Synchronous Alternators

The ST series alternators are high-performance power units designed for reliable single-phase electricity generation. Built with a drip-proof, salient pole rotating field construction, these units are ideal for both marine applications and residential power needs. They feature excellent dynamic performance and constant voltage regulation, ensuring stable operation for varied electrical loads.

## Technical Specifications

### Operating Voltage

- 230V
- 115V
- 240V
- 120V

### Frequency

- 50Hz
- 60Hz

### Stator Insulation Class

Class E • Class B

### Certifications

CE, ISO, GS

## Performance

### Operating Performance

**5 %**

Speed Variation Tolerance

**100 %**

Max Load Variation

## Design and Construction

### Construction Details

- Drip-proof
- Salient pole rotating field
- Self-excitation system

### Operation Mode

Continuous duty