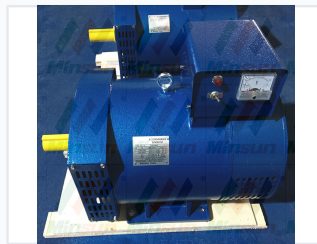
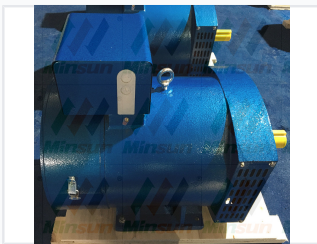


# Single Phase AC Synchronous Brush Alternator

This AC synchronous brush alternator is designed to supply electricity for lighting in ships and household electric devices. It features a drip-proof, salient pole rotating field self-excitation design.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Synchronous Power Generation

The ST Series single-phase AC synchronous brush alternator is a reliable, small-capacity power solution designed for versatile applications in industrial, commercial, and agricultural sectors. Featuring a robust, drip-proof, salient pole rotating field design with self-excitation, it ensures constant voltage output and ease of maintenance. These units are built with high-quality magnetic and electrical materials to provide consistent, high-performance power for lighting and household electric devices in both mobile and stationary configurations.

### Common Applications

Ships, Household Appliances, Mobile Power Stations, Stationary Power Stations, Industrial, Commercial, Agricultural

## Technical Specifications

### Protection Class

IP23

### Standards

- JB/T11817-2014
- ISO 9001

### Insulation Class

Class B

### Excitation Type

Harmonic Self-Excitation

### Construction

Drip-proof, Salient Pole, Rotating Field, Self-excitation

## Performance Metrics

### Operational Data

**1800 r/min**

Rated Speed

**50 Hz**

Frequency

**230 V**

Rated Voltage