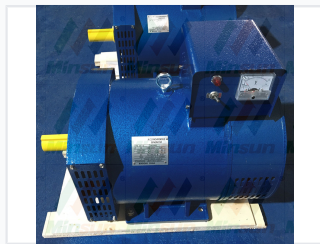
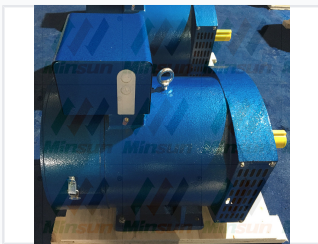


# Single-Phase AC Synchronous Brush Alternator

This single-phase AC synchronous brush alternator is designed for power generation. It is suited for lighting in small shipping and household electricity in towns and countryside.



## ADDITIONAL IMAGES



## Product Overview

### Reliable Single-Phase AC Power Generation

The ST series single-phase AC synchronous brush alternator is engineered for consistent performance in small-scale power systems, including household electricity and marine applications. It features a robust, drip-proof, field-rotating design that utilizes a reliable brush excitation system for stable voltage output. This generator is built to withstand demanding conditions, providing efficient power conversion with easy maintenance access.

## Technical Specifications

### Rated Power Output

**10 kW**

Rated Power

### Performance Parameters

Parameter	Value
Voltage	115/230V
Rated Current	87/43.5A
Frequency	60Hz
Rated Speed	1800 r/min
Power Factor	0.8 (lag)

### Excitation Details

- Excitation Voltage: 80V
- Excitation Current: 4.1A
- Brush excitation system

## Compliance and Standards

Standards

ISO 9001, JB/T11817-2014