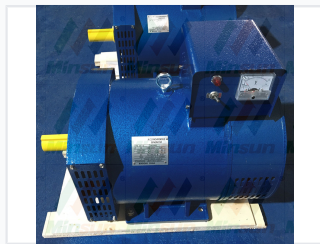
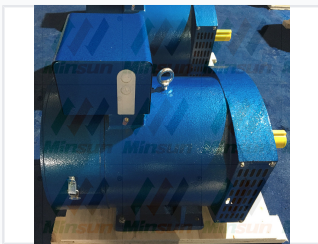


Single-Phase AC Synchronous Brush Alternator

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