

# AC Synchronous Alternator for Power Generation

These AC synchronous alternators are engineered for both single and three-phase power generation. They provide a stable AC power supply for various applications.



## ADDITIONAL IMAGES



## Overview

### Professional AC Synchronous Alternators

The ST/STC series synchronous alternators are engineered for reliable single and three-phase power generation across marine and land-based applications. Featuring a robust, drip-proof construction with high-quality electromagnetic materials, these units ensure consistent voltage performance. They are designed for continuous duty cycles and offer seamless integration with prime movers, making them an ideal choice for stable power in commercial and residential settings.

## Technical Specifications

### Rated Power Output

**12 KW**

Rated Capacity

### Insulation Class

Component	Class
Stator	Class E/B
Rotor	Class B

### Operational Data

- Voltage: 230V or 115V (configurable to 240V/120V)
- Frequency: 50Hz or 60Hz
- Duty Cycle: Continuous
- Coupling: Direct or V-belt

## Certifications & Compliance

### Compliance Standards

CE, ISO Verified, GS Verified, IEC Standard