

# Single-Phase AC Synchronous Generator

This single-phase AC synchronous generator is designed for reliable power generation. It features robust copper windings for enhanced conductivity and durability, ensuring a high-quality output.



## ADDITIONAL IMAGES



## Product Overview

### Professional Power Solution

The ST series AC synchronous generator is engineered for reliable, small-capacity power generation. Designed with a robust drip-proof construction and high-quality electromagnetic materials, these units ensure consistent voltage performance for residential, industrial, and maritime applications. The design follows international IEC standards for global compatibility, providing ease of maintenance and long-term operational stability.

## Technical Specifications

### Frequency

- 50Hz
- 60Hz

### Stator Insulation

Class B

### Voltage

230V, 115V

### Operation Mode

Continuous Duty

### Voltage Control System

Harmonic wave self-excitation or Automatic voltage control

## Performance Metrics

### Speed Change Tolerance

**5 %**

Speed Change

## Construction

### Key Features

- Drip-proof enclosure
- Salient pole rotating field
- Direct coupling or V-belt compatible
- IEC standard dimensioning

### Global Standards

IEC, Australia compatible, Europe compatible, American compatible