

# AC Synchronous Generator

This AC synchronous generator is designed to supply power for lighting, household devices, and small electric tools in towns and villages. It can also serve as an emergency power source in certain areas.



## Overview

### Designed for Reliability

The ST series is a single-phase AC synchronous generator engineered to provide dependable power for homes in rural or small-town environments. Featuring a drip-proof design and salient pole rotating field, this unit ensures stable voltage output for lighting and small electrical tools. Its robust construction uses high-quality silicon steel and Class B insulation, making it an excellent choice for both primary and emergency power applications.

## Technical Specifications

### Insulation Class

Class B

### Excitation Data

**24 V**

Excitation Voltage

**2.5 A**

Excitation Current

### Compliance Standards

IEC Standard

## Key Features

### Design Advantages

- Drip-proof enclosure for added durability
- Salient pole rotating field design
- Self-excited constant voltage system
- Easy maintenance access
- International compatibility with Model B end covers