

# STC Series AC Synchronous Generator

The STC series generators can be used in towns, countrysides, work sites, and mountain and pasture lands as an electric power source for lighting. It can also be used as a reserved power source for emergent cases.



## Product Overview

### STC Series AC Synchronous Generator

The STC series generators are versatile power solutions designed for use in diverse environments, including rural areas, work sites, and mountainous regions. These drip-proof, rotary field generators utilize a harmonic excitation system and star connection with a neutral point to provide reliable electricity for lighting and emergency backup power. Engineered for performance, they maintain excellent constant voltage and can directly start unloaded squirrel cage induction motors without additional starting devices.

## Technical Specifications

Rated Line Voltage	400 V
Phase Voltage	230 V
Frequency	50 Hz
Power Factor	0.8
Excitation System	Harmonic excitation
Connection Type	Star connection with neutral point

## Operational Features

### Key Operational Features

- Drip-proof design
- Rotary field type
- Suitable for direct or V-belt coupling
- Excellent constant voltage regulation
- Capable of starting unloaded squirrel cage induction motors

Available Customizations	60Hz Frequency, Alternative Voltage Options
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