

Single-Phase AC Synchronous Generator

These generators are widely used in town, countryside, worksites, mountain and pasture districts as an electric power source for lighting purposes and can also be used as a reserved power source for emergencies. The series generators are of drip-proof with rotary field type and adopt harmonic excitation system for easy operation and maintenance.



Product Overview

Versatile AC Power Solution

This series of single-phase AC synchronous generators is engineered for reliability in diverse environments, ranging from town settings to remote mountain districts. Designed with a drip-proof rotary field and a harmonic excitation system, these units offer simplified operation and minimal maintenance requirements. They are capable of handling sudden load fluctuations while maintaining a stable voltage, making them ideal for both primary lighting and emergency standby power applications.

Technical Specifications

Rated Line Voltage	400V
Phase Voltage	230V
Frequency	50 Hz
Power Factor	0.8

Design and Construction

Housing Material	Rugged roll steel plate
Key Design Features	Drip-proof, Rotary field type, Harmonic excitation, Strong end shield, Patent control box

Features

Available Options

- AVR excitation system
- Pulley accessory
- 60Hz configuration
- Custom voltage options

Operational Performance

Performance Metrics

3 %

Revolution Slip

100 %

Load Range Capacity