

# 25kW AC Synchronous Brushless Generator

This 25kW AC synchronous brushless generator provides a reliable power source with stable voltage output. Its brushless design ensures minimal maintenance and extended operational life, making it suitable for diverse applications.



## ADDITIONAL IMAGES



## Overview

### High-Performance Synchronous Generator

This 25kW AC synchronous brushless generator is engineered for reliable power generation in both industrial and commercial environments. Featuring a robust 4-pole design and shunt self-excited brushless excitation, it ensures stable voltage output and minimal maintenance. The unit is built with H-class insulation and advanced winding technology to effectively suppress harmonic distortion, making it suitable for sensitive electronic equipment.

## Performance Metrics

### Power Ratings

**25 kW**

Rated Power (50Hz)

**30 kW**

Rated Power (60Hz)

**31.3 kVA**

Rated Capacity (50Hz)

**37.5 kVA**

Rated Capacity (60Hz)

### Operating Specifications

| Parameter          | Value      |
|--------------------|------------|
| Power Factor       | 0.8 lagged |
| Voltage Regulation | ±1.5%      |
| Insulation Grade   | H          |
| Protection Grade   | IP23       |

## Technical Details

### Electrical Features

- 2/3 pitch winding design to eliminate third harmonic wave
- Continuous damp winding to abate surges
- Shunt self-excited brushless excitation
- 12-lead terminal box with removable panels

### AVR Compatibility

SX440, SX460, MX341, MX321, AS440

## Compliance & Warranty

### Certifications

CE • ISO 9001:2015

### Warranty Period

24 months