

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