

# Brushless AC Alternator

This brushless alternator is designed for power generation. Its robust construction includes a protective enclosure and integrated cooling fan, making it suitable for standby generators, prime power units, and distributed generation systems.



## ADDITIONAL IMAGES



## Overview

### High-Performance Brushless Synchronous Alternator

This brushless synchronous alternator is engineered for reliable power generation, utilizing advanced technology to ensure stable voltage output and minimal waveform distortion. Designed for durability, it features an 'H' class insulation system and robust construction to withstand demanding environments. With its 2/3 pitch winding design, it effectively eliminates third harmonic waves, making it an ideal choice for nonlinear loads and UPS applications.

## Electrical Features

### Insulation Class

Class H

### Interference Metrics

**2 %**

THF

**50**

TIF

### Winding Design

2/3 pitch

## Compliance & Standards

### Manufacturing Standards

GB755, BS 5000, VDE 0530, NEMA MG1-22, IEC34

## Warranty & Support

### Warranty Policy

- 1 year or 1000 hours (whichever comes first)
- Free easy-damageable spare parts during warranty
- Cost-based maintenance after expiration

## Technical Capabilities

### Integrated Control Features

- Voltage adjustment
- Stability adjustment
- Under frequency roll-off
- Over exciting protection
- Low radio interference