

# Brushless Synchronous Alternator for Power Generation

This brushless synchronous alternator is designed for power generation. It features a robust construction with a ventilated enclosure, a terminal box for electrical connections, and a rotating assembly with prominent bolted connections.



## Product Overview

### Reliable Brushless Power Generation

This brushless synchronous alternator is engineered for high-performance industrial power generation. Featuring a robust ventilated enclosure and a sturdy base, it ensures stable operation and longevity in demanding environments. Designed for efficiency and reliability, it is an ideal solution for consistent AC power requirements.

## Key Performance Metrics

### Performance Highlights

**25 kW**

Rated Power

**1500 RPM**

Rated Speed

**50 Hz**

Frequency

## Electrical Specifications

|                            |          |
|----------------------------|----------|
| Model                      | JF224B   |
| Voltage                    | 220/380V |
| Rated Current              | 44 A     |
| Power Factor (Cos $\phi$ ) | 0.8      |

## Technical Standards

### Insulation Class

Class H

### Ingress Protection

IP23

### Manufacturing Standard

Made in China

## Physical Construction

### Design Features

- Brushless synchronous design
- Ventilated enclosure for cooling
- Integrated terminal box for electrical connections
- Sturdy base mounting for stability
- Durable green painted finish