

Brushless Synchronous AC Alternator

This is a synchronous AC alternator with a brushless design. It is suitable for various industrial and commercial power generation needs.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Synchronous Alternator

The ASG164 series is a three-phase synchronous AC brushless alternator designed for robust power generation. By utilizing an automatic voltage regulation (AVR) system and a brushless excitive magnetic machine, this unit eliminates the maintenance issues associated with traditional brushes and slip rings. It delivers stable performance, reduced wireless interference, and reliable output suitable for demanding industrial applications.

Technical Specifications

Model	ASG164B
Configuration	Double Bearing
Insulation Level	Class H (125k rise), Class F (105k rise)

Performance Metrics

Steady-State Voltage Regulation

0.5 %

Regulation Rate

Waveform Distortion Rate

Power Rating (PN)	Max Distortion
> 100 KW	d 2.5%
d 100KW	d 4.0%

Operating Stability

- Voltage setting range: $\pm 10\%$ U_n
- Voltage deviation (asymmetric load): d5%
- Cold-to-hot state variation: d2%

Certifications

Standards & Compliance

CE • ISO • GS • Verified