

312KVA 250KW Brushless Alternator

This 312KVA 250KW brushless alternator is designed for power generation applications. Its brushless design minimizes maintenance and extends service life while delivering reliable performance.



ADDITIONAL IMAGES



Overview

Professional Power Generation

The 312KVA 250KW Brushless AC Synchronous Alternator is engineered for reliable, high-performance power generation in both industrial and marine environments. Featuring a robust brushless design with dynamic rotor balancing, it ensures minimal vibration and extended service life. The unit is built to international standards, offering flexible installation options and advanced voltage regulation for stable, consistent power output.

Performance Metrics

Rated Power Output

312 kVA
KVA

250 kW
KW

Overload Capacity

- 150% of rated current for 2 minutes
- 110% of rated current for 1 hour in six

Electrical Specifications

Insulation Class

Class H

Waveform Distortion

- THF (BS4999 Part 40) < 2%
- TIF (ASA C50.12) < 50

Construction & Design

Enclosure Rating	IP22, IP23
Bearing Configuration	Available in single or double bearing construction
Winding Pitch	2/3 Pitch
Compliance Standards	Industrial Standards, Marine Standards, SAE Standard, BS6861: Part 1 Grade 2.5