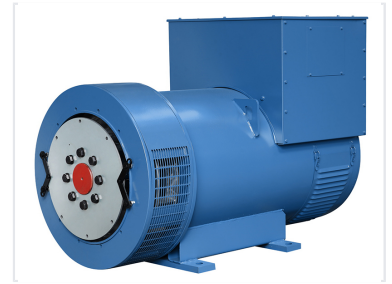


250kVA-480kVA Brushless Alternator

This brushless alternator utilizes a permanent magnet self-excitation system. Its automatic voltage regulation system ensures reliable performance.



Overview

NF-314 Series Brushless Alternator

The NF-314 series brushless alternator is engineered for reliable power generation within the 250kVA to 480kVA range. It features an advanced automatic voltage regulation system and a robust, convex pole rotating magnetic field design that enhances heat dissipation and mechanical strength. Designed for versatility and ease of maintenance, this unit supports various mounting standards and offers flexible excitation options to ensure stable performance under severe conditions.

Electrical Performance

Voltage Sine Waveform Distortion	5 %
Telephone Harmonic Factor (THF)	2 %
Telephone Interference Factor (TIF)	50
Compatible AVR Models	SX460, MX321, MX341, SX440, SX40T, AS440

Technical Specifications

Power Capacity Range

250 kVA

Min Power

480 kVA

Max Power

Winding Design Features

- Standard 2/3 pitch winding
- Full continuous damping winding
- Convex pole rotating magnetic field

Excitation Options

Auxiliary Winding • Phase Combination • Permanent Magnet Generator (PMG)