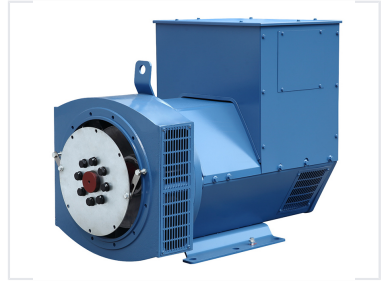


110kVA-300kVA Brushless Alternator

This brushless alternator provides reliable power generation from 110kVA to 300kVA. Its design minimizes maintenance while ensuring efficient and stable power output.



Overview

NF-274 Series Brushless Alternator

The NF-274 series brushless alternator is engineered for robust power generation, delivering reliable performance in the 110kVA to 300kVA range. Designed with advanced automatic voltage regulation and a unique convex pole rotating magnetic field, it ensures stable output under severe operating conditions. Its flexible design supports various voltage requirements and simplifies parallel operation, making it an ideal solution for demanding industrial power applications.

Performance Metrics

Power Range

110 kVA

Minimum Power

300 kVA

Maximum Power

Electrical Specifications

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

Design & Construction

Design Features

- Unique convex pole rotating magnetic field design
- Full continuous damping winding
- Standard 2/3 pitch winding
- Single-pivot and full-pivot structure
- 12-terminal block reconfiguration

Excitation Options

Auxiliary Winding • Phase Combination • Permanent Magnet Generator