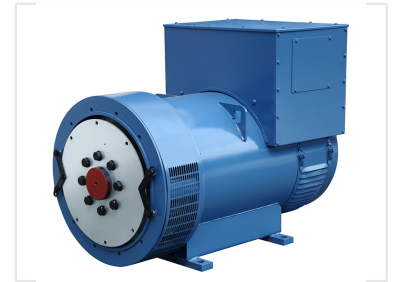


455kVA-775kVA Brushless Alternator

This brushless alternator utilizes permanent magnet self-excitation. Its high-performance automatic voltage regulation system and PMI/PMG technology ensure reliable operation.



Product Overview

NF-354 Series Brushless Alternator

The NF-354 series brushless alternator is engineered for high-performance power generation, offering a versatile output range of 455kVA to 775kVA. Designed with a unique convex pole rotating magnetic field, this unit ensures superior heat dissipation and mechanical strength for demanding environments. It features advanced voltage regulation and a standard 2/3 pitch winding to minimize harmonic distortion, making it an ideal solution for reliable prime and standby power applications.

Performance Metrics

Power Range

455 kVA

Minimum Output

775 kVA

Maximum Output

Electrical Standards

Parameter	Limit
Voltage Sine Waveform Distortion	d5%
Telephone Harmonic Factor (THF)	d2%
Telephone Interference Factor (TIF)	d50

Technical Specifications

Key Design Features

- Brushless excitation system
- Optional permanent magnet generator system
- Standard 2/3 pitch winding
- Convex pole rotating magnetic field
- Full continuous damping winding
- Single-pivot and full-pivot mounting structure

Compatible AVR Models	SX460, MX321, MX341, SX440, SX40T, AS440
Maintenance	Yes