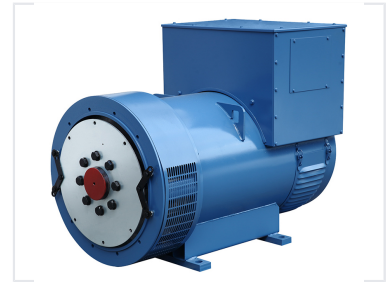


# 455kVA-775kVA Brushless Alternator

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