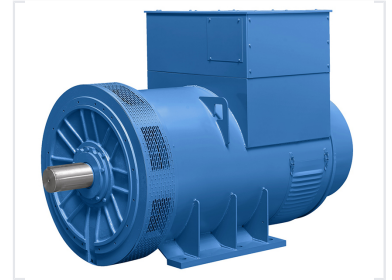


# 1224-2535 kVA Double Pivot Brushless Alternator

This high-performance alternator features an automatic voltage regulation system. Permanent magnet self-excitation and PMI/PMG technology ensure reliable operation.



## Overview

### NF-454 Series Performance Overview

The NF-454 series brushless alternator is engineered for high-demand industrial and commercial power generation. Featuring a robust double-pivot structure and advanced voltage regulation, it is designed to withstand severe operational conditions while maintaining stable output. With flexible configuration options like permanent magnet generators and various AVR compatibility, this unit is built for reliability, ease of maintenance, and seamless integration into existing power systems.

## Technical Specifications

### Power Output Range

**1224 kVA**

Minimum Power

**2535 kVA**

Maximum Power

Voltage Waveform Distortion	5 %
Telephone Harmonic Factor (THF)	2 %
Telephone Interference Factor (TIF)	50

## Features & Design

### Key Design Features

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

### Excitation System Options

Auxiliary Winding • Phase Combination • Permanent Magnet Generator

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