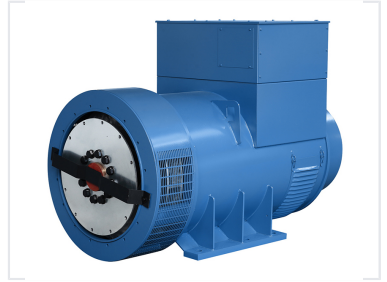


1224 kVA - 2535 kVA Brushless Alternator

This brushless alternator utilizes PMI and PMG technology to ensure a reliable excitation system. The high-performance automatic voltage regulation system and exquisite appearance provide high reliability.



Overview

NF-454 Series Brushless Alternator

The NF-454 series brushless alternator is engineered for high-performance power generation, delivering capacities ranging from 1224 kVA to 2535 kVA. Designed for reliability under severe conditions, it features an advanced automatic voltage regulation system and a robust convex pole rotating magnetic field structure for improved heat dissipation. This unit is built for easy maintenance and seamless integration, meeting leading diesel land mounting interface standards.

Performance Metrics

Power Capacity

1224 kVA

Minimum Power

2535 kVA

Maximum Power

Electrical Performance

Metric	Limit
Voltage sine waveform distortion rate	d5%
Telephone harmonic factor (THF)	d2%
Telephone Interference Factor (TIF)	d50

Technical Features

Compatible AVR Models

- SX460
- MX321
- MX341
- SX440
- SX40T
- AS440

Excitation Systems

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

Design & Construction

Winding Specifications

2/3 Pitch Winding • Full Continuous Damping Winding

Mounting Interface

Single-pivot and full-pivot structure compatible with leading diesel land standards