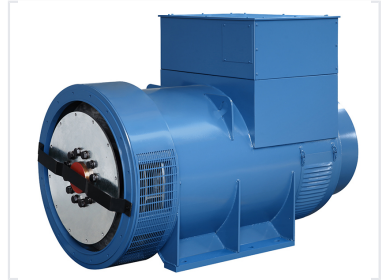


# 710 kVA - 1386 kVA Brushless Alternator

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



## Overview

### High-Performance Brushless Alternator

The NF-404 series brushless alternator is engineered for reliable, high-capacity power generation ranging from 710 kVA to 1386 kVA. Designed for versatility and durability, it features an advanced automatic voltage regulation system and a unique convex pole rotating magnetic field design that enhances heat dissipation and mechanical strength. This unit is built to meet leading diesel land mounting interface standards, ensuring easy installation and maintenance for professional power generation applications.

## Performance Metrics

### Power Range

**710 kVA**

Minimum Output

**1386 kVA**

Maximum Output

### Electrical Standards

Metric	Value
Voltage waveform distortion	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

## Design & Maintenance

### Design Highlights

- 12-terminal block configuration
- 2/3 pitch winding
- Convex pole rotating magnetic field
- Single-pivot and full-pivot structure