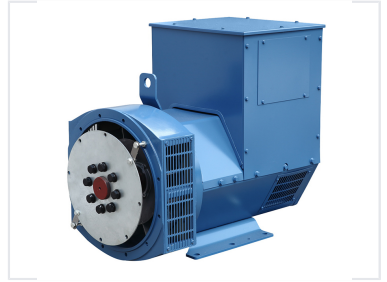


42.5 kVA - 93.8 kVA Brushless Alternator

The NF224 series brushless alternator provides reliable power generation for various applications. Ranging from 42.5 kVA to 93.8 kVA, it delivers robust performance and efficient operation.



Overview

NF-224 Series Brushless Alternator

The NF-224 series brushless alternator is engineered for reliable, high-performance power generation across a versatile power range of 42.5 kVA to 93.8 kVA. Featuring an advanced automatic voltage regulation system and a robust 2/3 pitch winding design, it ensures stable operation and minimal interference even in demanding environments. This unit is designed for ease of maintenance and seamless integration with leading diesel engine mounting standards, making it an ideal choice for prime and standby power applications.

Performance Metrics

Power Range

42.5 kVA

Minimum Power

93.8 kVA

Maximum Power

Signal Quality

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

Technical Specifications

Compatible AVR Models

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

Excitation Systems

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

Design & Construction

Winding Characteristics

2/3 Pitch Winding • Continuous Damping Winding

Mounting Configuration

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