

400KVA 320KW Brushless Alternator

This is a 400KVA/320KW brushless alternator designed for power generation applications. The unit is engineered for reliable and efficient performance, featuring a robust construction and advanced electrical components.



ADDITIONAL IMAGES



Overview

High-Performance Brushless Alternator

This 400KVA brushless AC synchronous alternator is engineered for reliability and efficient power generation in industrial and marine environments. Featuring a robust 2/3 pitch winding design and Class H insulation, it minimizes waveform distortion and ensures stable performance under non-linear loads. The unit is designed for easy installation, maintenance, and seamless integration with existing power networks.

Electrical Performance

Rated Capacity

400 KVA
Apparent Power

320 KW
Active Power

Insulation Class

H

Excitation System

Brushless AC synchronous with AVR

Operational Standards

Enclosure Protection

IP22, IP23

Industry Standards

BS6861, BS4999, ASA C50.12, SAE

Load & Overload Capabilities

Overload Performance

Load Level	Duration
150%	2 Minutes
110%	1 Hour (in 6)

Unbalanced Load Tolerance	25 %
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Mechanical Design

Bearing Configuration

- Single bearing
- Double bearing

Cooling System	Single rotation fan
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