

# 6 kVA to 16 kVA 4-Pole Brushless Alternator

This 4-pole brushless alternator is available in a range of capacities from 6 kVA to 16 kVA. Its brushless design reduces maintenance and ensures reliable power generation.



## ADDITIONAL IMAGES



## Overview

### High-Performance Brushless Alternator

This 4-pole brushless alternator is engineered for robust power generation in both industrial and marine environments. Featuring a versatile 6 kVA to 16 kVA capacity range, it offers reliable performance with a dynamically balanced rotor and advanced insulation class H protection. Its design supports easy integration with existing power grids and simplifies maintenance through a flexible terminal configuration.

## Technical Specifications

### Power Range

**6 kVA**

Minimum Capacity

**16 kVA**

Maximum Capacity

### Insulation Class

Class H

### Telephone Interference Limits

Metric	Standard	Limit
THF	BS EN60034-1	< 2%
TIF	NEMA MG1-22	< 50

### Compliance Standards

GB755, BS5000 Part 3, VDE0530, NEMA MG1-32, IEC-34, CSA C22-100, AS1359

## Design & Features

### Key Design Features

- 4-pole brushless design
- Optional PMG for invariable excitation
- 2/3 pitch winding to avoid excessive neutral current
- Dynamically balanced rotor
- Single and double bearing options
- 6/12 leads on terminal for voltage adjustment

### Suitable Applications

Industrial, Marine, Power Grid Parallel, Backup Power