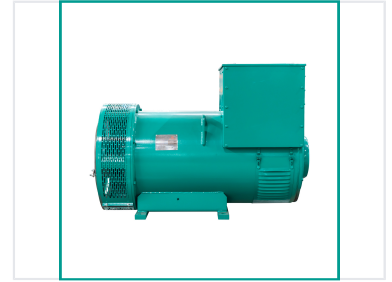
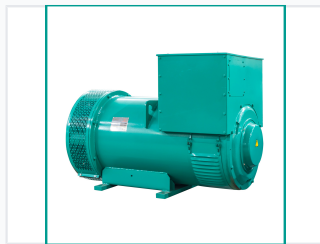


# 300KVA 240KW Brushless Alternator

This 300KVA/240KW brushless alternator is designed for power generation applications. It features a robust construction for durability and reliable performance.



## ADDITIONAL IMAGES



## Overview

### High-Performance Brushless AC Alternator

This 300KVA/240KW brushless AC synchronous alternator is engineered for reliability in both industrial and marine environments. Featuring a robust 2/3 pitch winding design, it minimizes waveform distortion and ensures stable power output even under non-linear loads. The unit is built with high-grade insulation and dynamic rotor balancing, providing a durable, low-maintenance solution for power generation systems.

## Performance Metrics

### Rated Power

**300 KVA**  
Apparent Power

**240 KW**  
Active Power

**Short Time Overload Capacity** 150% of rated current for 2 minutes

**Unbalanced Load Tolerance** 25 %

## Electrical Specifications

### Insulation Class

Class H

### Interference Standards

Metric	Limit
THF (BS4999 Part 40)	< 2%
TIF (ASA C50.12)	< 50

**Winding Pitch** 2/3 Pitch

## Mechanical & Design

### Bearing Configuration

- Single bearing
- Two sealed ball bearings

### Enclosure Protection

IP22, IP23

### Rotor Balance Standard

BS6861: Part 1 Grade 2.5