

# Brushless AC Alternator

This brushless AC alternator is designed for power generation applications. It features a robust construction and efficient performance, ensuring a stable power supply.



## ADDITIONAL IMAGES



## Overview

### High-Performance Brushless Alternators

This series of brushless synchronous AC alternators is engineered for reliability and high performance in demanding industrial environments. Featuring H-class insulation and advanced vacuum coating processes, these units offer superior resistance to moisture, mildew, and salt fog. Designed with versatility in mind, they are compatible with a wide range of engines and provide stable voltage regulation of  $\pm 0.5\%$  or less.

## Technical Specifications

Insulation Class	H
Frequency	50Hz, 60Hz
Voltage Range	110-660V
Power Output Range	6.5-550kW
AVR Voltage Regulation	$\pm 0.5\%$ or less

## Construction & Durability

### Key Construction Features

- Cold rolled silicon steel sheet
- Aluminum fan
- Vacuum coating processing
- Moisture, mildew, and salt fog resistant paint

## Performance Metrics

### Performance Highlights

**0.5 %**

Voltage Regulation Rate

**550 kW**

Max Power Output

## Model Data

### Model Specifications

Model	50Hz Output (kW)	60Hz Output (kW)
DG164A	6.8	8
DG164B	8.8	10
DG184ES	15	18
DG224C	34	40
DG274C	80	96
DG444C	200	240
DG544F	550	680