

# Brushless Three-Phase Synchronous Generator with AVR

This three-phase synchronous generator features a brushless design and automatic voltage regulation (AVR). The generator is engineered for efficient power generation in a variety of applications.



## ADDITIONAL IMAGES



## Overview

### High-Performance Brushless Synchronous Generator

The MC series A.C. Alternators utilize advanced technology to deliver reliable three-phase power for a variety of industrial applications. Featuring a brushless design and Automatic Voltage Regulation (AVR), these units ensure stable voltage output with minimal maintenance requirements. Engineered with a 2/3 pitch winding and CAD-optimized stator cores, they provide exceptional power quality with very low waveform distortion.

## Technical Standards

Regulatory Compliance	GB755, IEC60034, NEMA
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## Electrical Performance

### Standard Features

- Voltage adjustment
- Stability adjustment
- Under frequency roll off
- Over exciting protection
- Low radio interference

Phase	Three-Phase
Voltage Regulation	Automatic Voltage Regulator (AVR)

## Construction & Insulation

### Insulation System

Class H

### Winding Configuration

- Stators: 2/3 pitch winding
- Rotors: Fixed sequential damper winding

## Design Excellence

### Stator Core Design

CAD-optimized landler design for low waveform distortion

### Mechanical Properties

High mechanical strength for rotating components with high build static windings