

# Variable Frequency Drive for AC Motors

This variable frequency drive (VFD) controls the speed of AC motors. It features a compact, robust design suitable for industrial environments, providing precise motor control, energy savings, and protection features.



## Product Overview

### High-Performance Variable Frequency Drive

This distributed AC motor controller offers advanced flexibility with modular design and support for multiple control methods, including open-loop, V/F, and closed-loop vector control. It is built to facilitate lean production and intelligent factory integration, providing reliable performance through extreme technology and optimized design. Designed for diverse industrial needs, the unit includes features such as integrated rectifier braking, automatic carrier functions, and synchronization capabilities.

## Technical Specifications

### Key Performance Metrics

**400 Hz**

Max Output Frequency

**5.5 kW**

Power Rating

### Safety Protections

- Overcurrent protection
- Overvoltage protection
- Undervoltage protection

### Supported Control Modes

Open Loop Vector Control, V/F Control, Closed Loop Vector Control

## Operational Features

### Design Concepts

Modular Design • Optimized Structure • Intelligent Factory Ready • Lean Production Compatible

### System Integrations

- Rectifier braking
- Automatic carrier function
- Synchronization function
- Application macro modules