

# Variable Frequency Drive for AC Motors

This variable frequency drive (VFD) is engineered to modulate the speed of AC motors. Advanced control algorithms ensure precise motor management, energy conservation, and enhanced overall system efficiency.



## Product Overview

### High-Performance Variable Frequency Drive

The EC6000 is a flagship variable frequency drive engineered with over two decades of research and development experience. Designed for precise AC motor speed control, it delivers excellent performance and high reliability across a diverse range of industrial environments. This versatile drive is an ideal solution for optimizing energy efficiency and system control in applications such as pumps, fans, compressors, and conveyors.

## Technical Features

### Suitable Applications

- Pumps
- Fans
- Compressors
- Conveyors

### Control Features

Precise Motor Control, Energy Savings, System Performance Optimization, Advanced Algorithms

## Safety & Compliance

### Safety Warnings

Risk of Electric Shock • Hazard of Explosion • Disconnect Power Before Servicing • Wait 5 Minutes for Discharge

## Performance Metrics

### Operating Frequency

**5 Hz**

Default Frequency