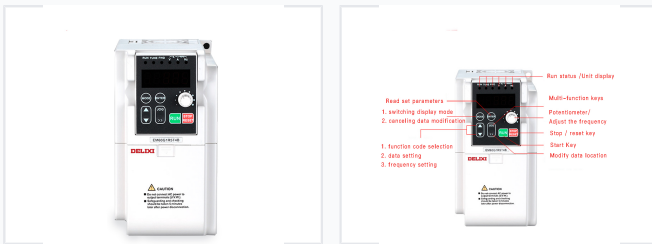


# 220V AC Motor Variable Frequency Drive 5.5kW

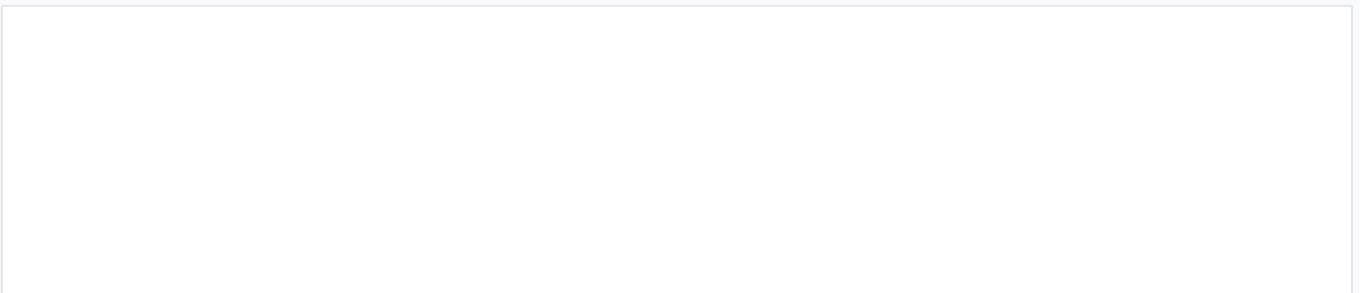
This 220V AC motor variable frequency drive offers optimum motor control. The 5.5kW VFD features stable performance and simplified functions for various industrial applications.



## ADDITIONAL IMAGES



## Overview



Overview of the digital display, control keys, and physical dimensions for the EM60 series.

### Compact High-Performance VFD

The EM60 Series is a compact, low-power variable frequency drive designed for optimum SVC and V/F control with stable performance. It features a streamlined design that reserves the most frequently used configurations while allowing for extension via various I/O and communication interfaces. This drive is engineered for reliability in demanding industrial environments where space-saving and precise motor control are essential.

## Key Performance Metrics

### Performance Highlights

**5.5 kW**

Rated Power

**220 V**

Input Voltage

**60 Hz**

Max Frequency

## Technical Characteristics

### Control & Operation

- SVC (Sensorless Vector Control) and V/F control modes
- Embedded DC brake function with optional external brake unit
- Separate hot-pluggable keyboard (up to 50m distance)
- Automatic Voltage Regulation (AVR) for high torque at low input
- Controllable cooling fan for extended service life
- Standard conformal coating on all units for environmental protection
- Isolated air-duct design with windshields for thermal management

## Connectivity

### Communication & I/O

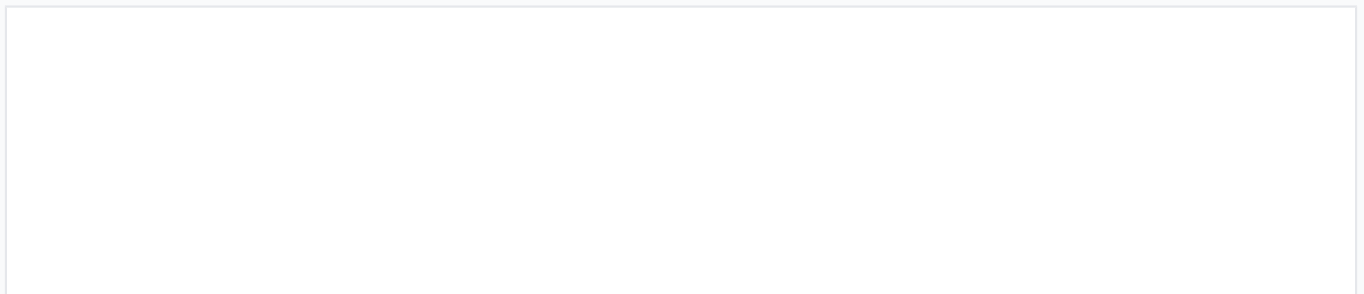
RS485, MODBUS-RTU, Potentiometer Control, Multi-function I/O, Panel Extension

## Applications

### Industrial Applications

- Die-cutting machines
- Carving and textile machinery
- Glass-making and dyeing equipment
- Book sewing machines
- Automatic production lines
- Food processing machinery

## Physical Specifications



Detailed view of the input/output terminals and the high-durability radiator fan for temperature resistance.

### Terminal Configuration

Terminal Label	Description
L1, L2	Single-phase AC power input
U, V, W	Three-phase output to motor
P+, PB	Brake resistor connection
PE	Grounding terminal

## Safety & Protection

### Safety Features

Overcurrent Protection • Overvoltage Protection • Thermal Protection • DC Braking • 5-Min Discharge Safety