

AC Motor Drive Frequency Inverter

This AC motor drive frequency inverter is designed for diverse industrial applications. It delivers precise motor control and energy efficiency with vector control for enhanced performance and torque control.



ADDITIONAL IMAGES



Product Overview

High Performance Vector Control

The HPVFD series is a high-quality frequency inverter designed for demanding industrial and commercial engineering applications. Utilizing a unique current vector control algorithm, it achieves exceptional torque control and stable operation even at low speeds. The compact, space-saving design is optimized for efficient enclosure installation, making it a flexible solution for various mechanical loads.

Technical Specifications

I/O Configuration

- 8-period digital input
- 2 analog inputs
- 2 relay outputs
- 2 open collector outputs

Key Performance Indicators

18.5 kW

Integrated Filter Range (Min)

560 kW

Integrated Filter Range (Max)

Communication Interface

RS485 serial communication with standard Modbus protocol

Certifications

CE, EMC

Operational Safety

Safety and Protection

- Flame retardant casing
- Automatic current limiting function
- High reliable main loop connection
- 10-minute power-off discharge wait time