

Compact Frequency Inverter for Motor Speed Control

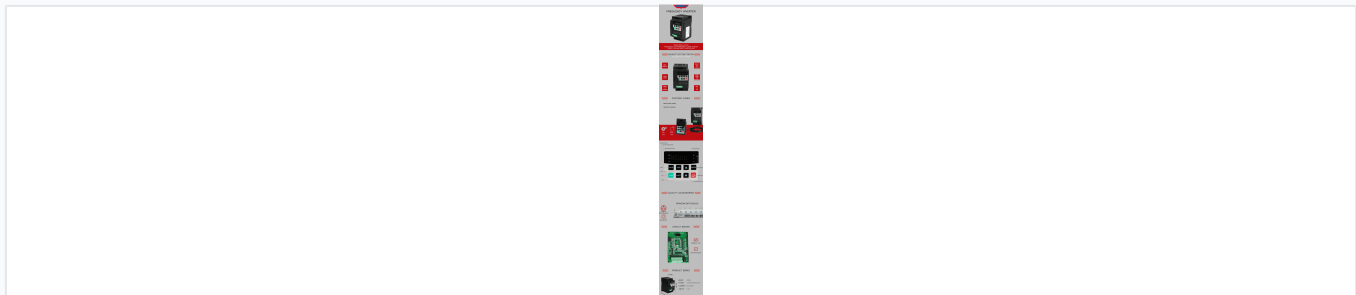
This compact frequency inverter is designed for efficient motor control in various industrial applications. It features adjustable frequency and voltage, overload protection, and a user-friendly interface for easy configuration and monitoring.



ADDITIONAL IMAGES



Overview



Detailed breakdown of the inverter features including the removable panel, internal IGBT module, and physical dimensions.

High-Performance Compact Frequency Inverter

This compact frequency inverter is designed for precise motor speed control, offering high torque even at low frequencies. It features a user-friendly interface with a removable panel for remote operation and a digital display for real-time monitoring of frequency, RPM, and voltage. Built with high-quality components like the Infineon IGBT module, it ensures stable performance, energy savings, and comprehensive motor protection for various industrial applications.

Key Performance Metrics

Featured Specifications

2.2 kW

Max Power

9.6 A

Max Current

1.1 kg

Net Weight

Technical Specifications

Power and Current Ratings

Power Output (kW)	Rated Current (A)
0.75	4
1.5	7
2.2	9.6

Physical Dimensions

Width	85 mm
Height	142 mm
Depth	115.7 mm

Control & Interface

Interface Features

- Removable control panel for remote operation
- Digital LED display
- Jog function
- Forward/Reverse (F/R) control
- Multi-function indicator lights (Run, Hz, L/R, F/R)

Monitored Parameters

Frequency (Hz), RPM, Current (A), Voltage (V)

Hardware & Safety

Internal Components

- Infineon IGBT module for stable performance
- Original chip circuit board for high efficiency
- Integrated cooling design

Safety Protections

Overload Protection • Overvoltage Protection • Undervoltage Protection • Overcurrent Protection • Residual Charge Warning

Terminal Connections

Power Input (R, S, T), Motor Output (U, V, W), Control Inputs (PB, P+)