

# Medium Voltage Variable Frequency Drive

This medium voltage VFD is used in cement plants and mines. It allows flexible terminal expansion without needing a PLC.



## ADDITIONAL IMAGES



## Overview

### High-Performance Medium Voltage VFD

This high/medium voltage variable frequency drive utilizes advanced power electronic and vector control technology to deliver high-precision motor control. By employing a phase-shifting rectifier transformer and multistage H-bridge power units, it achieves a near-perfect sine wave output. This design eliminates the need for additional output filters, reducing harmonic content to below 5% and ensuring compliance with international and national standards.

## Technical Specifications

Input Voltage	10 kV
Harmonic Content	<5%
Max Bypass Units	2 units/phase

## Features

### Advanced Features

- Speed tracking start (Fly a car start)
- Mechanical unit bypass for fault tolerance
- Undisturbed switching between power frequency and variable frequency
- Phase detection technology
- Direct high voltage motor drive

## Compliance

Standards Compliance	IEC 519-1992, GB/T 12668.4-2006
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