

INVT GD350 High Performance AC VFD-Variable Speed Drive



GD350 Series Vector Control Drive

Goodrive350-EU is a general purpose vector control inverter with certified STO (Safe Torque OFF) function.

GD350 is a brand new high-performance inverter. It is highly extensible and flexible with PG card, PLC card, communication card and IO card, meeting the demands of various industries. It's oriented for medium and high-end OEM equipment markets, mainly covering the applications of printing and packaging, winding equipment, paper machinery, shearing equipment, textile machinery, HVAC, etc.

Features

- Supports SVC and VC (Closed loop) control for both asynchronous and synchronous motors.
- Enables high precision of speed, position, torque control and fast speed response.
- Supports optional PLC cards with CODESYS programming function.
- Supports optional Field bus communication cards, including PROFIBUS-DP, CANopen, and EtherCAT, etc.
- Supports optional PG cards for encoders like incremental, absolute value, Sin-Cos, and rotary transformer.
- Accepts plug-in of three expansion cards simultaneously (only two cards below 4kW).
- Integrates safety function-STO(Safe Torque OFF, SIL2)
- Unique I/F control and online transition with other control modes, very suitable for the situation where the asynchronous motor has low speed with high torque and the speed accuracy is not high.
- Provides standard USB2.0 (A type) ports to download firmware, and intuitive LCD keyboard with maximum 16 Lines text display as well as graphical display, Wizard Mode to set parameters while powered on
- Supports optional Bluetooth card and WiFi card to realize wireless communication.

Typical Applications

- Pumps & Irrigation
- Fans
- Hoisting / Cranes
- Crushers
- Mills
- Conveyors
- Machine tools
- CNC Machines
- Mixers
- DC Motor replacement
- Slip-ring motor replacement
- Servo drives
- Chemical manufacture
- Plastic extruders, granulators
- Variable speed motor control energy saving