

High-power Frequency Inverter



POWTRAN PI7800 Low-voltage High-power Frequency Inverter

- Power range: 400kw-630kw output frequency: 0.00-400.00Hz
Voltage range: 220V/380V/460V/575V/660V/

Description

Product features:

- Using DSP(Digital Signal Processor) as core control unit, achieve optimal SPWM control technology
- Integrates three control modes of V/F control, V/F+PG control, vector control+PG control
- Three methods of space voltage vector waveform generating
- Dead zone compensation function, achieve high torque at low speed
- Automatic slip compensation function

- 10 ways for frequency setting, analog terminals can receive customized signals from 0~10V, 4~20mA
- Achieve up to seven sections of speed control and eight sections of acceleration control
- Six programmable output control terminals
- Built-in PID function enables high performance close-loop control
- Support 0~10V、1~5V、0~20mA、4~20Ma feedback signals
- DC current braking regulated by PID
- Function of Speed Tracking Restart and Power Recovery Operation
- Powerful communication capabilities, support standard RS485 and Canbus, meanwhile offer remote keyboard control function
- Humanized menu, highlighted LED simultaneous display parameters of three groups
- Unique designed IGBT temperature monitoring function, fan adjustable, immediately reduce motor noise and temperature
- Efficient fault inquiry and recording, easy troubleshooting
- Function of parameter protection
- Unique design, minimize the pollution of drives to power source
- Built-in DC reactor

Capacity range:

Power range: 400kw-630kw output frequency: 0.00-400.00Hz

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