

VFD200 series small power drives

SMART

S Simper **M** Maintenance friendly **A** Affordable **R** Robust **T** Time to market



Product positioning

VEIKONG VFD200 series inverter is economical inverter specially for small scale processing and manufacturing automation control

Performance introduction

VFD200 series inverter is a high-quality and simple VF control inverter. It can run a wide range of speed and torque control in high precision by decoupling control of motor magnetic flux current and torque current torque: fast and accurately, High end hardware platforms, scientific production technology and complete testing equipment make the product more stable and reliable.

Capacity range

Power range: 0.4-3.7kw power range

Frequency range: 0.00-400.00HZ

Voltage level: single phase 220V/ three phase 380V

Model and data of VFD200

Model	Power Capacity (KVA)	Input Current (A)	Output Current (A)	Adaptable Motor	
				KW	HP
Single-phase 220V, 50/60Hz					
VFD200-0R4GS2	1	5.4	2.3	0.4	0.5
VFD200-R75GS2	1.5	8.2	4	0.75	1
VFD200-1R5GS2	3	14	7	1.5	2
VFD200-2R2GS2	4	23	9.6	2.2	3
Three-phase 380V, 50/60Hz					
VFD200-R75GT4	1.5	3.4	2.1	0.75	1
VFD200-1R5GT4	3	5	3.8	1.5	2
VFD200-2R2GT4	4	5.8	5.1	2.2	3
VFD200-3R7GT4	5.9	10.5	9	3.7	5

Technical features

- Using DSP as the core of control unit to achieve high-speed and high-performance control
- Motor parameter self-learning, intelligent setting to the optimal control model
- High performance IPM module, protection function such as under voltage, overcurrent, overtemperature, over the ground short circuit etc.
- The unique EMC design minimizing the pollution to power.

Application industry

Medicine, food, packaging, engraving, washing and other industries

Machinery equipment, a variety of small-scale machinery equipment.

Structure description

Shuttle keypad

- Shuttle keypad-high precision rotary encoder
- Spin around increasing and decreasing by degrees
- Highlight LED display information

Remote control interface

- Support RJ45 port
- Support Remote control within 100m
- Support standard Rs485 communication

Independent air duct structure

- Separating the radiator and the drive control module
- Capacitance isolation is installed on the duct
- Forced air cooling



Wire-in terminal entry

- Cover removable
- Wiring is simple, top down out
- Enhanced ABS flame retardant material

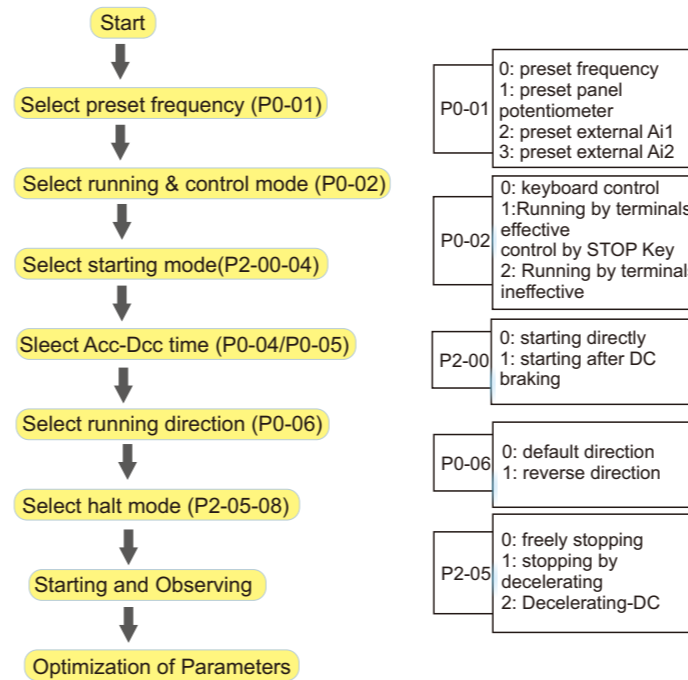
Control cable entry

- Compliance with the safety standards of mechanical equipment and electrical facility standard
- Connecting the main loop terminal and controlling circuit terminal
- Shorten the cable connection and installation time

Capacitance isolation installation area

- Enhanced ABS flame retardant material
- Separating the capacitance from the other control panels
- Natural air cooling in air duct

Quick Debugging/Quick set up instructions



Dimension



Model	Mounting Dimension		Dimension			Pore Diameter(mm)
	length(mm)	wide(mm)	length(mm)	wide(mm)	high(mm)	
0.75kw-3.7kw	141	80.5	152	89	123	5.2
0.75kw-3.7kw keyboard installation dimension: length=115mm width=115mm						

Control Circuit and Main Circuit Wiring

