



GD200A Series General Purpose Drives

GD200A is a general-purpose variable frequency drive (VFD) with a power range of 0.75kW to 3000kW. With its high reliability, more than one million units have been deployed across various application scenarios since its launch. It is widely used in industries such as municipal engineering, metal processing, chemical, steel, papermaking, petroleum, HVAC, and food processing.

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- Supports wall mounting, flange mounting, and floor mounting.
- Supports common DC bus and DC power supply mode.
- Integrated with customized functions such as dedicated water supply mode, simple PLC programming, and speed tracking.

2. Stable and reliable

- Independent air duct design with enhanced conformal coating for circuit boards, improving resistance to harsh environments.
- Standard built-in C3 filter, with optional external C2 filter to reduce electromagnetic interference.

3. Multi-certification compliance

- Certified with CE, UKCA, and EAC.
- Compliant with IEC/EN 61800-9-2 energy efficiency standards.



GD20 Series Open Loop Vector Control Drives



GD350A Series High-performance Multifunctional VFD



Input	Input voltage (V)	AC 3PH 380V(-10%)-440V(+10%) AC 3PH 520V(-15%)-690V(+10%)
	Input current (A)	Refer to <i>the product rated value</i>
	Input frequency (Hz)	50Hz or 60Hz Allowed range: 47-63Hz
Output	Output voltage (V)	0-Input voltage
	Output current (A)	Refer to <i>the product rated value</i>
	Output power (kW)	Refer to <i>the product rated value</i>
	Output frequency (Hz)	0-400Hz
Technical control feature	Control mode	SVPWM, SVC
	Motor type	Asynchronous motor
	Speed ratio	Asynchronous motor 1: 100 (SVC)
	Speed control accuracy	±0.2% (sensorless vector control)
	Speed fluctuation	± 0.3%(sensorless vector control)
	Torque response	<20ms(sensorless vector control)
	Torque control accuracy	10%(sensorless vector control)
	Starting torque	Asynchronous motor: 0.5Hz/150% (SVC)
	Overload capability	G type: 150% of rated current: 1 minute 180% of rated current: 10 seconds 200% of rated current: 1 second P type: 120% of rated current: 1 minute 180% of rated current: 10 seconds 180% of rated current: 1 second
Running control feature	Frequency setting	Digital setting, analog setting, pulse frequency setting, multi-step speed running setting, simple PLC setting, PID setting, MODBUS communication setting. Shift between the set combination and set channel.
	Auto voltage adjustment	Keep a stable voltage automatically when the grid voltage transients

Provide over 20 fault protection functions: overcurrent



		higher models..
	Terminal analog input resolution	≤ 20mV

Solutions

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	Digital output	50KHZ; 1 channel Y terminal open collector pole output
	Relay output	2 channels programmable relay output RO1A NO, RO1B NC, RO1C common terminal RO2A NO, RO2B NC, RO2C common terminal Contactor capability: 3A/AC250V,1A/DC30V
	Mountable method	Wall, flange and floor mountable
	Temperature of the running environment	-10~50°C, derating is required if the temperature is above 40°C. If the ambient temperature is above 40°C, derate 1% for every additional 1°C.
	Ingress protection	IP20
	Cooling	Air-cooling
	Pollution level	Level 2
	Braking unit	Built-in braking unit for the 030G/037P and lower models External braking unit for others
	EMC filter	380V series products can meet the requirements of IEC61800-3 C3 External optional filter: meet the requirement of IEC61800-3 C2

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