

Product standard specification

Item		Specifications
power	Voltage	single-phase 220V 50/60Hz, three-phase 380V 50/60Hz
	Allowable	voltage: $\pm 15\%$, frequency: $\pm 5\%$
control performance	frequency range	0-600Hz
	Output	The maximum frequency value $\pm 0.1\%$
	Output	Operate keyboard up and down keys: 0.01Hz Potentiometer analog input: 0.2Hz
	Run command given mode	The keyboard is given; the external terminal is given; the serial port is given by the host computer
	carrier frequency	2.0-12.0KHz
	Torque boost	0~20.0% adjustable, optional v/f curve optional
	overload	150% rated output current 1 minute, 180% rated output current 2 second
	Acc/Dec time	0.1~3600 second
	Rated output voltage	Using the power supply voltage compensation function, the motor rated voltage is 100%, which can be set in the range of 50-100% (the output can not exceed the input voltage)
	AVR adjustment function	When the network voltage fluctuates, the output voltage fluctuation is very small and almost constant V/F
	standard feature	PID control, acceleration and deceleration time is adjustable, variable deceleration mode, carrier frequency, torque, current limiting, power off, restart, jump frequency control, lower frequency running, multi speed, swing frequency, RS485, analog output, fault slip compensation, automatic reset
	braking	Energy consumption braking, DC braking
	Frequency setting input	Keyboard digital setting, external terminal AI1 (0-10V/0-20mA switchable), AI2 (0-10V/0-20mA switchable), RS485 and signal combination and terminal selection
	Signal feedback input	External terminal AI1 (0-10V/0-20mA switchable), AI2 (0-10V/0-20mA switchable), RS485
	Input instruction signal	Start, stop, reverse, inching, multi segment speed, free parking, reset, acceleration and deceleration time selection, frequency setting, channel selection, external fault alarm, etc.
External output	Relay output, collector output, 0-10V output, 4-20mA output	
protective function		Overvoltage, undervoltage, overcurrent, current limit, overload, overheating, electronic thermal overload relay, overvoltage stall, data protection, etc.
display	Four digit display (LED)	15 kinds of parameters, such as frequency setting, output frequency, output voltage, output current, motor speed, output torque, digital value terminals, program menu parameters and 33kinds of Fault codes
	indicator lamp	Run/stop status, etc.
Operating environment	Environment	Inside, low than 1000m, free from dust, corrosive gas and direct sunlight
	Ambient	-10°C~+40°C (bare machine -10°C~+50°C), 20%~90%RH (no condensing)
	Vibration	less than 0.5g
	Storage	-25°C~+65°C
	Installation	Wall mounted or surface mounted inside a cabinet
Protection class		IP20
Cooling		forced air cooling.