

Function Description		Specifications	
Power Input	Input Voltage(V)	3-phase 380V(-15%)~440V(+10%), Rated voltage: 400V 3-phase 520V(-15%)~690V(+10%), Rated voltage: 660V	
	Input Frequency(Hz)	50Hz/60Hz, Allowed range:47~63Hz	
Power Output	Output Voltage(V)	0~input voltage	
	Output Current(A)	Refer to the rated value	
	Output Power(kW)	-4: 1.5~500kW	
	Output Frequency(Hz)	0~400Hz	
Technical Control Features	Control Mode	SVPWM, SVC, VC	
	Motor Type	Asynchronous motor and permanent magnet synchronous motor	
	Adjustable-Speed Ratio	Asynchronous motor 1:200(SVC), synchronous motor 1:20(SVC), 1:1000(VC)	
	Speed Control Accuracy	±0.2%(SVC), ±0.02%(VC)	
	Speed Fluctuation	±0.3%(SVC)	
	Torque Response	<20ms(SVC), <10ms(VC)	
	Torque Control Accuracy	10%(SVC), 5%(VC)	
	Starting Torque	Asynchronous motor:	0.25Hz/150%(SVC)
		Asynchronous motor:	2.5Hz/150%(SVC)
	Overload Capability		0Hz/200%(VC)
		150% of rated current: 1 minute 180% of rated current: 10 seconds 200% of rated current: 1 second	
Peripheral Interface	Analog Input	2	
	Analog Output	1	
	Digital Input		4 DI
			2 HDI
	Digital Output		1 Y1
			1 HDO
	Relay Output		2 Relay
			R01A NO, R01B NC, R01C Common
Communication	Built-in RS485, USB		
STO	2 STO inputs, SIL 2		
Others	Mountable Method	Wall, flange and floor mountable	
	Temperature Of The Running Environment	-10~50°C, derate above 40°C	
	Protective Degree	IP20	
	Cooling	Air-coolling	
	Braking Unit	Standard built-in for inverters of 400V(≤75kW)	
	PLC Card(Optional)	7 DI, 2DO, 2 Relay	
	I/O Card(Optional)	4 DI, 1DO, 1AI,1AO, 2 Relay	
	EMC Filter		Built-in C3 filters: meet the degree requirement of IEC61800-3 C3
		External filter: meet the degree requirement of IEC61800-3 C2	