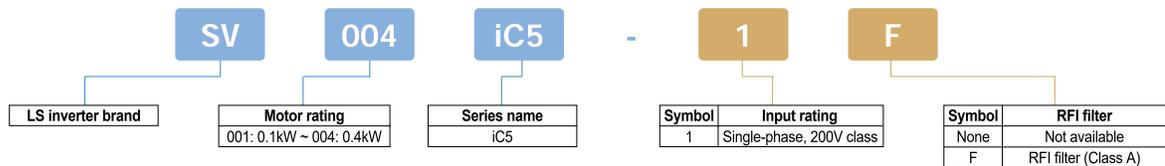




- RFI filter - class A (Built-in option)
- Selectable V/f, sensorless vector control
- Motor parameter auto-tuning
- 150% torque @ 0.5Hz
- 0.1 - 400Hz frequency output
- 1 - 15kHz carrier frequency
- Ground fault protection
- IP20 enclosure
- Selectable manual/automatic torque boost
- Built-in potentiometer
- Selectable PNP/NPN Input signal
- 0 - 10 volt analog output
- Enhanced process PID control
- Up/Down, 3-wire operations
- Modbus-RTU communication (optional)
- 8 programmable I/O
- Parameter copy unit
- Monitoring & commissioning software (DriveView)

### Inverter Model Number



### General specification

Model number: SV		iC5-	004-1	008-1	015-1	022-1	
Motor rating		[HP]	0.5	1	2	3	
		[kW]	0.4	0.75	1.5	2.2	
Output rating	Capacity	[kVA]	0.95	1.9	3	4.5	
	Current	[A]	2.5	5	8	12	
	Voltage	[V]	Single-Phase 200 ~ 230V				
Input rating	Frequency	[Hz]	0.1 ~ 400Hz				
	Voltage	[V]	Single-Phase 200 ~ 230V (± 10%)				
	Frequency	[Hz]	50 ~ 60Hz (± 5%)				
Weight	Current	[A]	5.5	9.2	16	21.6	
		[kg]	0.87	0.89	1.79	1.85	
Control Spec	Control method	Sensorless vector, V/f					
	Speed reference resolution	Digital command: 0.01Hz / Analog reference: 0.06Hz (Max freq., 60Hz)					
	Frequency accuracy	Digital command: 0.01% of Max output freq. / Analog signal command of 0.1% of Max output freq.					
	V/f curve	Linear, Squared, User custom V/f					
	Overload capacity	150% for 1 minute, 200% for 30 seconds					
	Torque boost	Auto & manual torque boost					
	Keypad Display	3 digit, 7 segment LED					
	Operation method	Keypad / Terminal / Communication operation (Built-in option)					
	Frequency setting	Analog: 0 to 10V / 4 to 20mA / Potentiometer / Digital: Keypad/ Modbus					
	Operation function	PID control / Up-Down operation / 3-Wire operation					
Input signal	Multi-function terminal (P1 ~ P5)	PNP / NPN selectable 5 points (programmable)					
	Multi-function relay	Fault output & inverter status output (N.O., N.C.) Less than AC 250V, 0.3A / Less than DC 30V 1A					
Output signal	Multi-function open collector	DC24V (less than 50mA)					
	Analog output	0 to 10Vdc (less than 10mA): frequency / current / voltage / DC voltage selectable					
Protection	Inverter trip	Over voltage / Low voltage / Over current / Ground fault detection / Inverter overload / Overload trip / Inverter overheat / Condenser overload / Output phase loss / Overload protection / Frequency command loss / Hardware fault					
	Inverter alarm	Stall prevention, Overload					
Enclosure		IP20					
Option	Communication	Modbus RTU					