





10V AI GND DI1 C	DI2
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Туре	Terminal	Terminal Name	Function Description
Power Output	+10V-GND	Terminal of 10V power output	 Provide +10V power supply for external units, with maximum output current of 10mA. It is generally used as the operating power supply for the external potentiometer. The potentiometer resistance range is 1-5kΩ.
Analog Input	AI-GND	Analog input terminal 1	 Input voltage range: DC 0-10V Input impedance: 22kΩ
Digital	DI1-GND	Digital Input 1	1. Optical coupling isolation.
Input	DI2-GND	Digital Input 2	2. 2. Input impedance: 2.4kΩ.

启动停止	Start in keyboard mode Stop in keyboard mode	Increase the data or the function code. Press the upper and lower keys at the same time to shift.
编程	Enter or exit the menu. Enter the menu to confirm the parameter Settings. Press 3 seconds to enter parameter setting.	Decrease the data or the function code. Press the upper and lower keys at the same time to shift.

1.1.1 F0 Parameter Group

Parameter	Description	Minimum Value	Default Value	Maximum Value	Unit	Change Permission		
F0-00	Motor Rated Power 0.1 Depends 999.9 KW 1 on model 0							
	This parameter is set to the rated p	ower of the n	notor (name	plate).				
F0-01	Motor Rated Voltage	1	Depends on mode	500	V	Read only		
	This parameter is set to the rated v	oltage of the	motor (name	eplate).				
F0-02	Motor Rated Current	0.01	Depends on mode	99.99	A	Read only		
	This parameter is set to the rated of	current of the	motor (name	eplate).				
F0-03	Motor Rated Frequency	0	50.0	500.0	Hz	Read only		
	This parameter is set to the rated f	requency of t	ne motor (na	meplate).		1		
F0-04	Motor Rated Speed	1	1460	9999	Rpm	Read only		
	This parameter is set to the rated s	peed of the m	notor (namer	blate).		-		
F0-05	Back EMF Coefficient for PM	0	Depends	999.9	V	Read only		
	Motor		on mode					
	This parameter is set as the back E	MF coefficient	t of synchron	ous machine	•	1		
F0-06	Motor Parameter Autotune	0	0	3	_	Read only		
	0: No operation.			_				
	1: Static parameter identification;							
	2: Dynamic parameter identification	n.						
F0-16	Torque upper limit	-200.0	100.0	+200.0	%	Read/write		
F0-10 F0-17	Dead zone compensation	0	100.0	1	70	Read/write		
10-17	0: Disable 1: Enable							
F0-18	Voltage feedback	0	1	1		Read/write		
10-10	0: Disable 1: Enable	0	1	1	-	Kcau/ with		
F0-19		0	0	3		Read/write		
ги-19	Command Source Selection	-	-	_				
	0: Panel control. Press the RUN key			-	-	-		
	1: Terminal control. It is directly of			control term	паг. ву	delault, Di		
	controls forward rotation and DI2 of	controls revers	se rotation.					
	2. Reserved	()		2 + + + +				
F0 30	3: The system starts automatically	-	1		leiay tir	1		
F0-20	Main Frequency Source Selection	0	1	9	-	Read only		
	0: function code setting, power-of	•	L: panel pote					
	2: AI		3~9: reserve	ed				
F0-21	Stop Mode	0	0	1	-	Read/write		
	0: Ramp to stop. After the shutdown command is effective, the inverter reduces the output							
	frequency according to the deceler		•	•	• •			
	1: Coast to stop. After the shutdo					diately stops		
	the output, and the motor stops fr	eely according	to the mecl	nanical inertia	а.			
F0-23	Acceleration Time	0.1	Depends on model	500.0	S	Read/write		
	The acceleration time required for	or the inverter	to accelera	te from 0 Hz	to the	upper limi		
	frequency (F0-33).							
F0-24	Deceleration Time	0.1	Depends on model	500.0	S	Read/write		
			0111100401					

	(F0-33) to 0 Hz.								
F0-25	Synchronous Motor Initial	0	1	1	-	Read/write			
	Position Detection Mode								
	0: Check before each run.								
	1: No detection								
F0-26	Synchronous Motor Initial	5	120	180	%	Read only			
	Position Identification Current								
	Initial Value								
F0-27	Main Menu Display Auto	0	1	1	-	Read/write			
	Switching								
	0: Switching is prohibited. When the			-					
	other interfaces, it is forbidden to				-				
	1: Automatic switching. When the	• •		•					
	interfaces, it will automatically swi		e frequency i	nterface afte	er 10 se				
F0-28	Parameter modification attribute	0	0	1	-	Read/write			
	0: Allow modification.								
		1. No modification is allowed.							
	When this parameter is set to 1,		s forbidden	to modify th	e parar	meter, and it			
	must be set to 0 before it can be cl	nanged.			1	I			
F0-29	User password	0	0	9999	-	Read/write			
	The inverter provides the user pas	-							
	it is the user password. The pass				-	the function			
	code editing state. Press the SET key again, "" will be displayed. You must input the								
	_			splayed. You	must in				
	password correctly to enter the pa			splayed. You	must in				
F0-30	password correctly to enter the pa Reserved	rameter interf	ace.		must in	put the user			
F0-30 F0-31	password correctly to enter the pa Reserved Reset to Factory Parameters			splayed. You 9999	must in				
F0-31	password correctly to enter the paReservedReset to Factory Parameters1: Reset the factory settings.	rameter interf	ace.	9999		put the user Read only			
F0-31 F0-32	password correctly to enter the paReservedReset to Factory Parameters1: Reset the factory settings.Load speed display coefficient	0 0 0.001	ace. 0 1.000	99999	-	Read only Read/write			
F0-31	password correctly to enter the paReservedReset to Factory Parameters1: Reset the factory settings.Load speed display coefficientFrequency Upper limit	0 0.001 F0-34	ace.	9999	-	put the user Read only			
F0-31 F0-32 F0-33	password correctly to enter the paReservedReset to Factory Parameters1: Reset the factory settings.Load speed display coefficientFrequency Upper limitInverter maximum output frequency	0 0.001 F0-34 cy	ace. 0 1.000 50.0	99999 9.999 500.0	-	Read only Read/write Read/write			
F0-31 F0-32	password correctly to enter the paReservedReset to Factory Parameters1: Reset the factory settings.Load speed display coefficientFrequency Upper limit	0 0.001 F0-34	ace. 0 1.000	99999	-	Read only Read/write			
F0-31 F0-32 F0-33	password correctly to enter the paReservedReset to Factory Parameters1: Reset the factory settings.Load speed display coefficientFrequency Upper limitInverter maximum output frequency	0 0.001 F0-34 cy 0.0	ace. 0 1.000 50.0	99999 9.999 500.0	- Hz	Read only Read/write Read/write			
F0-31 F0-32 F0-33	password correctly to enter the paReservedReset to Factory Parameters1: Reset the factory settings.Load speed display coefficientFrequency Upper limitInverter maximum output frequenFrequency Lower limit	0 0.001 F0-34 cy 0.0	ace. 0 1.000 50.0	99999 9.999 500.0	- Hz	Read only Read/write Read/write			

1.1.2 F2 Parameter Group

Parameter	Description	Minimum Value	Default Value	Maximu m Value	Unit	Change Permission
F2-00	DI1 Terminal Function Selection	0	1	31	-	Read only
	0: No function	•				•
	1: Forward running FWD					
	2: Reverse running REV					
	3: Fault reset					
	4: Coast stop, that is, blocking PWN	A output.				
	5: Emergency stop					
	6: External fault input (normally op	en)				
	7: External fault normally closed in	put				
F2-02	Al Gain	0	1.00	20.00	-	Read only

	Analog input AI signal gain multiple	e, maximum g	ann up to 20	umes. For e	xampie, t	using AI as the
	target frequency setting, F0-07=0: 0-			2.00; Then a	a 5V inpu	t signal allows
	the converter to operate at its maxim					1
F2-03	AI Offset	-10.0	0	10.0	V	Read only
	Analog input 1 signal offset value, as the target frequency, this param frequency converter to operate at t Internal calculated value of AI = act	eter is set to he maximum ual input *F2-	2.00; Then t frequency. 02+F2-03	he 8V input	signal ca	an enable the
F2-04	Preset frequency	0.0	50.0	F0-09	Hz	Read/write
	When the target frequency setting the initial value for the target frequency After the target frequency is mode invalid temporarily, unless this para	ency of the in lified by the	verter. "Up/Down"		•	
F2-05	Frequency Running action below the	0	0	2	-	Read/write
	lower limit frequency0: Run at the lower limit frequence1: Stop2: Zero speed operationWhen the set frequency is lower than be selected by this parameter.	the lower limit		-		
F2-06	Jump frequency 1	0.0	0.0	F0-33	Hz	Read/write
	frequency of the converter will a		-	•		•
F2-07	outside the range. The frequen equipment. This parameter is the F2-07. Jump frequency amplitude Combined with F2-06, set specific jur range is enabled, the actual operation frequency rises from low to within the	0.0 mp frequency of frequency of range, the fr	0.0 0.0 cange (F2-06- f the conver- requency rema	F0-33 F2-07) \sim (F2 ter is a hyst ains at the lo	Hz 2-06+ F2- teresis cu ow freque	Read/write 07). After this rve: when the ency boundary;
F2-07	equipment. This parameter is the F2-07. Jump frequency amplitude Combined with F2-06, set specific jur range is enabled, the actual operation frequency rises from low to within the When the frequency decreases from h	0.0 mp frequency of frequency of range, the fr	0.0 0.0 cange (F2-06- f the conver- requency rema	F0-33 F2-07) \sim (F2 ter is a hyst ains at the lo	Hz 2-06+ F2- teresis cu ow freque	Read/write 07). After this rve: when the ency boundary;
	 equipment. This parameter is the F2-07. Jump frequency amplitude Combined with F2-06, set specific jurnange is enabled, the actual operating frequency rises from low to within the When the frequency decreases from he frequency boundary; 	0.0 mp frequency of frequency of range, the fr	0.0 0.0 cange (F2-06- f the conver- requency rema	F0-33 F2-07) \sim (F2 ter is a hyst ains at the lo	Hz 2-06+ F2- teresis cu ow freque	Read/write 07). After this rve: when the ency boundary;
F2-07 F2-08 F2-09	equipment. This parameter is the F2-07. Jump frequency amplitude Combined with F2-06, set specific jur range is enabled, the actual operation frequency rises from low to within the When the frequency decreases from h	0.0 mp frequency of frequency of range, the fr	0.0 0.0 cange (F2-06- f the conver- requency rema	F0-33 F2-07) \sim (F2 ter is a hyst ains at the lo	Hz 2-06+ F2- teresis cu ow freque	Read/write 07). After this rve: when the ency boundary;
F2-08	 equipment. This parameter is the F2-07. Jump frequency amplitude Combined with F2-06, set specific jurnange is enabled, the actual operating frequency rises from low to within the When the frequency decreases from he frequency boundary; Reserved Set the cumulative power-on arrival time When the accumulated power-on time 	0.0 mp frequency of frequency of the range, the fr nigh to within the frequency of the range of the frequency of the frequenc	0.0 0.0 cange (F2-06- f the convert equency remain he range, the 0 ency converted	F0-33F2-07) \sim (F2ter is a hystains at the lofrequency is9999er exceeds the	Hz 2-06+ F2- ceresis cu ow freque s maintair H	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write
F2-08 F2-09	 equipment. This parameter is the F2-07. Jump frequency amplitude Combined with F2-06, set specific jurange is enabled, the actual operating frequency rises from low to within the When the frequency decreases from the frequency boundary; Reserved Set the cumulative power-on arrival time When the accumulated power-on tim converter reports Err20 as a fault. This 	0.0 mp frequency of ng frequency of he range, the fr high to within t 0 e of the frequency parameter is in	0.0 0.0 cange (F2-06- f the convert equency remain he range, the 0 ency converted	F0-33 F2-07) \sim (F2 ter is a hyst ains at the lo frequency is 9999 er exceeds the t to 0.	Hz 2-06+ F2- ceresis cu ow freque s maintair H	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write the frequency
F2-08	equipment. This parameter is the F2-07.Jump frequency amplitudeCombined with F2-06, set specific jur range is enabled, the actual operatir frequency rises from low to within th When the frequency decreases from h frequency boundary;ReservedSet the cumulative power-on arrival timeWhen the accumulated power-on tim converter reports Err20 as a fault. This The carrier frequency is adjusted	0.0 mp frequency of frequency of the range, the fr nigh to within the frequency of the range of the frequency of the frequenc	0.0 0.0 cange (F2-06- f the convert equency remain he range, the 0 ency converted	F0-33F2-07) \sim (F2ter is a hystains at the lofrequency is9999er exceeds the	Hz 2-06+ F2- ceresis cu ow freque s maintair H	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write
F2-08 F2-09	 equipment. This parameter is the F2-07. Jump frequency amplitude Combined with F2-06, set specific jurange is enabled, the actual operating frequency rises from low to within the When the frequency decreases from the frequency boundary; Reserved Set the cumulative power-on arrival time When the accumulated power-on tim converter reports Err20 as a fault. This 	0.0 mp frequency of ng frequency of he range, the fr nigh to within the 0 e of the frequency parameter is in 0 detects that the e the temperature	0.0 ange (F2-06- f the convert requency rema he range, the 0 ency converted valid when set 1 e heat sink te ure rise of the	F0-33F2-07) ~ (F2ter is a hystains at the logfrequency is9999er exceeds thet to 0.1emperature isfrequency colspan="2">frequency col	Hz 2-06+ F2- ceresis cu pw freque s maintair H is value, - s high, it onverter.	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write the frequency Read/write automatically When the heat
F2-08 F2-09	equipment. This parameter is the F2-07.Jump frequency amplitudeCombined with F2-06, set specific jur range is enabled, the actual operating frequency rises from low to within the When the frequency decreases from he frequency boundary;ReservedSet the cumulative power-on arrival timeWhen the accumulated power-on time converter reports Err20 as a fault. ThisThe carrier frequency is adjusted with temperatureWhen the frequency converter of reduces the carrier frequency to reduce sink temperature is low, the carrier frequency adjusts the starting temperatureWhen the frequency adjusts the starting temperatureWhen the frequency converter detects	0.0 mp frequency of requency of requency of range, the fraigh to within the second s	0.0 ange (F2-06- of the convert requency remains the range, the 0 ency converter valid when see 1 e heat sink te irre rise of the lly returns to 70 ature of the ra	F0-33F2-07) \sim (F2ter is a hystains at the logfrequency is9999er exceeds thet to 0.1emperature isfrequency cthe set value150diator exceed	Hz 2-06+ F2- ceresis cu ow freque s maintair H nis value, s high, it onverter. . If the va s the set	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write the frequency Read/write automatically When the heat alue is set to 0, Read/write value of this
F2-08 F2-09 F2-10 F2-11	equipment. This parameter is the F2-07.Jump frequency amplitudeCombined with F2-06, set specific jurange is enabled, the actual operating frequency rises from low to within the When the frequency decreases from he frequency boundary;ReservedSet the cumulative power-on arrival timeWhen the accumulated power-on time converter reports Err20 as a fault. This The carrier frequency is adjusted with temperatureWhen the frequency onverter of reduces the carrier frequency to reduce sink temperature is low, the carrier frequency this parameter is disabled.Carrier frequency adjusts the starting temperatureWhen the frequency converter detects parameter, the F2-10 function is effect	0.0 mp frequency of ng frequency of ng frequency of ne range, the fr nigh to within t 0 e of the freque parameter is in 0 detects that the e the temperatue quency gradua 0 that the temperatue 0	0.0 ange (F2-06- f the convertence equency remains he range, the 0 ency convertence valid when see 1 e heat sink tear re rise of the lly returns to 70 ature of the range ier frequency	F0-33F2-07) \sim (F2ter is a hystains at the locfrequency is9999er exceeds the1emperature isfrequency cathe150diator exceedis adjusted w	Hz 2-06+ F2- ceresis cu ow freque s maintair H is value, - s high, it onverter. . If the va s the set vith the te	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write the frequency Read/write automatically When the heat alue is set to 0, Read/write value of this mperature.
F2-08 F2-09 F2-10	equipment. This parameter is the F2-07.Jump frequency amplitudeCombined with F2-06, set specific jurange is enabled, the actual operating frequency rises from low to within the When the frequency decreases from he frequency boundary;ReservedSet the cumulative power-on arrival timeWhen the accumulated power-on time converter reports Err20 as a fault. This The carrier frequency is adjusted with temperatureWhen the frequency onverter of reduces the carrier frequency to reduce sink temperature is low, the carrier frequency to reduce sink temperature is disabled.Carrier frequency adjusts the starting temperatureWhen the frequency converter detects parameter, the F2-10 function is effectCarrier frequency adjustment time	0.0 mp frequency of ng frequency of ng frequency of ne range, the fr nigh to within t 0 e of the freque parameter is in 0 detects that the e the temperatu quency gradua 0 that the temperatu 0.1	0.0 cange (F2-06- f the convertence equency remains he range, the 0 ency convertence valid when see 1 e heat sink to rear rise of the lly returns to 70 ature of the range 20.0	F0-33F2-07) \sim (F2ter is a hystains at the logfrequency is9999er exceeds the1emperature isfrequency colspan="2">frequency colspan="2"150diator exceeds150diator exceeds50.0	Hz 2-06+ F2- ceresis cu ow freque s maintair H nis value, - s high, it onverter. . If the va c ds the set vith the te s	Read/write 07). After this rve: when the ency boundary; hed at the high Read/write the frequency Read/write automatically When the heat alue is set to 0, Read/write value of this mperature. Read/write
F2-08 F2-09 F2-10 F2-11	equipment. This parameter is the F2-07.Jump frequency amplitudeCombined with F2-06, set specific jur range is enabled, the actual operatin frequency rises from low to within th When the frequency decreases from h frequency boundary;ReservedSet the cumulative power-on arrival timeWhen the accumulated power-on tim converter reports Err20 as a fault. ThisThe carrier frequency is adjusted with temperatureWhen the frequency converter or reduces the carrier frequency to reduc sink temperature is low, the carrier frequency this parameter is disabled.Carrier frequency adjusts the starting temperatureWhen the frequency converter detects parameter, the F2-10 function is effectCarrier frequency adjustment timeWhen the frequency converter detects parameter, the F2-10 function is effect	0.0 mp frequency of the frequency of the range, the from the range, the from the temperature of the frequency of the frequency of the frequency of the frequency of the temperature of t	0.0 ange (F2-06- f the convert requency remains the range, the 0 ency converter valid when set 1 e heat sink ter 70 ature of the range 20.0 meat sink terr	F0-33F2-07) ~ (F2ter is a hystains at the logfrequency is9999er exceeds the1emperature isfrequency cathe150diator exceedis adjusted w50.0operature ex	Hz 2-06+ F2- ceresis cu ow freque s maintair H is value, - s high, it onverter. . If the va ceeds th sceeds th	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write the frequency Read/write automatically When the heat alue is set to 0, Read/write value of this mperature. Read/write
F2-08 F2-09 F2-10 F2-11	equipment. This parameter is the F2-07.Jump frequency amplitudeCombined with F2-06, set specific jurange is enabled, the actual operating frequency rises from low to within the When the frequency decreases from he frequency boundary;ReservedSet the cumulative power-on arrival timeWhen the accumulated power-on time converter reports Err20 as a fault. This The carrier frequency is adjusted with temperatureWhen the frequency onverter of reduces the carrier frequency to reduce sink temperature is low, the carrier frequency to reduce sink temperature is disabled.Carrier frequency adjusts the starting temperatureWhen the frequency converter detects parameter, the F2-10 function is effectCarrier frequency adjustment time	0.0 mp frequency of the frequency of the range, the from the range, the from the temperature of the frequency of the frequency of the frequency of the frequency of the temperature of t	0.0 ange (F2-06- f the convert requency remains the range, the 0 ency converter valid when set 1 e heat sink ter 70 ature of the range 20.0 meat sink terr	F0-33F2-07) ~ (F2ter is a hystains at the logfrequency is9999er exceeds the1emperature isfrequency cathe150diator exceedis adjusted w50.0operature ex	Hz 2-06+ F2- ceresis cu ow freque s maintair H is value, - s high, it onverter. . If the va ceeds th sceeds th	Read/write 07). After this rve: when the ency boundary; ned at the high Read/write the frequency Read/write automatically When the heat alue is set to 0, Read/write value of this mperature. Read/write

	One bit: overload protection select	ion of motor						
	Tens place: output phase protection selection							
	Hundred bit: input phase protection selection							
	1000 bit: Short circuit protection on the ground during power-on.							
F2-15	Number of automatic fault resets0020timesRea							
	Number of times the frequence	cy converter o	an automati	ically reset a	fter faul	t alarm. After		
	this number is exceeded, the frequ	ency convert	er remains ir	n the fault s	tate. If th	ie value is set		
	to 0, the automatic reset function is	s not enabled	l.					
F2-16	Interval between automatic fault	0.1	1.0	100.0	S	Read/write		
	reset							
	The waiting time between the free	quency conve	rter fault ala	irm and the	automa	tic fault reset		
	enabled.							
F2-22	Automatic start delay time	0	150	3600	S	Read/write		
F2-23	Heat dissipation fan running	0	1	1	-	Read/write		
	mode							
	0: The fan runs when the temperat	ure is higher t						
	1: The inverter runs and the fan sta	rts immediate	ely.					
F2-24	DI2 Terminal function Select	0	2	35	-	Read/write		
	Same as DI1 (F2-00)		1	1	1	1		
F2-25	DI Terminal Effective Mode							
	Selection	0000	0000	1111	-	Read/write		
	0: The high level is active.		1		1	I		
	1: The low level is active.							
	Each of digits can only choose 0 or	1, which resp	ectively corr	espond to th	ne valid n	nodes of		
	DI1~2.		-					
	They are: Bit: DI1; Ten: DI2;							

1.1.3 F3 Parameter Group

Parameter	Description	Minimum Value	Default Value	Maximum Value	Unit	Change Permission
F3-00	Motor control mode	0	0	2	-	Read only
	0: V/F control					
	1: Reserved					
	2: synchronous motor without sp	eed sensor v	ector contr	ol (FMSVC).	After S	VC control is
	selected, F0-06 parameters need to	be identified	l			
F3-01			Depends			
	Torque Boost	0	on	30.0	%	Read/write
			model			
	Under the V/F control mode, the o	utput torque	of the moto	r is relatively	low in l	ow frequency
	operation, which can increase the	value of this p	oarameter; l	However, the	torque	boost setting
	is too large, the motor is easy to ov	erheat, and t	he inverter i	s easy to ove	rcurrent	t.
	When the load is heavy and the sta	• ·				ecommended
	to increase this parameter. When t	he load is ligh	t, the torqu	e can be redu	iced.	
F3-02	Torque Boost Cut-off Frequency	0.0	50.0	F0-33	Hz	Read only
	Below this frequency, the torque b	oost is effecti	ve, and bey	ond this set f	requend	cy, the torque
	boost fails.					
F3-03	VF Over-current Stall Action					
	Current	50	150	200	%	Read only

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F3-04	VF Overvoltage Stall Action		Depends			
	Voltage	200.0	on	2000.0	V	Read only
			model			
	VF overvoltage stall running voltage	2.				
F3-05	Speed Tracking Start	0	0	1	-	Read only
	0: Direct startup					
	1: Speed tracking starts					
	When the inverter starts, there is a	a short time o	lelay to dete	ect the motor	speed	and control it
	from the current motor speed.					
F3-06	Speed Tracking Current Loop Kp	0	Depends	1000	-	Read/write
			on			
			model			
	F3-06-F3-09 parameters need not l	be set by use	rs.			
F3-07	Speed Tracking Current Loop ki	0	Depends	1000	-	Read/write
			on			
			model			
F3-08	Speed Tracking Current Value	30	Depends	200	%	Read only
			on			
			model			
F3-09	Speed Tracking Current Lower Limit	5	30	100	%	Read only

2.1 Monitoring Parameter

The monitoring parameters of the inverter can only be read and cannot be modified.

Parameter	Description	Unit	Communication Address	Parameter Attribute
U0-00	Inverter Running State 1: forward 2: reverse 3: stop	-	1000H	Read only
U0-01	Fault Code	-	1001H	Read only
U0-02	Set Frequency	0.1Hz	1002H	Read only
U0-03	Running Frequency	0.1Hz	1003H	Read only
U0-04	Running Speed	Rpm	1004H	Read only
U0-05	Output Voltage	V	1005H	Read only
U0-06	Output Current	0.1A	1006H	Read only
U0-07	Output Power	0.1KW	1007H	Read only
U0-08	DC Bus Voltage	V	1008H	Read only
U0-09	Output Torque	0.1Nm	1009H	Read only

3.1 Faults and Solutions

Fault Name	Display	Possible Causes	Solutions
Inverter Unit Protection	Er01	 The output circuit is grounded or short circuited. The connecting cable of the motor is too long The inverter module is faulty 	 Eliminate external faults. Install a reactor or an output filter Contact for technical support
Overcurrent During Acceleration	Er02	 The control method is vector and no parameter identification. The acceleration time is too short Manual torque boost or V/F curve is not appropriate The inverter model is of too small power class. 	 Perform the motor auto-tuning. Increase the acceleration time. Adjust the manual torque boost or V/F curve. Select higher power rating inverter
Overcurrent at Constant Speed	Er04	 The output circuit is grounded or short circuited. The inverter model is of too small power class. 	 Eliminate external faults. Select higher power rating inverter
Overvoltage During Acceleration	Er05	 The input voltage is too high. The acceleration time is too short. 	 Adjust the voltage to normal range. Increase the acceleration time.
Overvoltage at Constant Speed	Er07	 The input voltage is too high. An external force drives the motor during running 	 Adjust the voltage to normal range. Cancel the external force or install a braking resistor
Inverter Overload	Er10	 The load is too heavy or locked rotor occurs on the motor. The inverter model is of too small power class. 	 Reduce the load and check the motor and mechanical condition. Select an inverter of higher power class.
Power Output Phase Loss	Er13	The module is faulty	Contact for Technical support
Module Overheat	Er14	 The ambient temperature is too high. The air filter is blocked. The fan is damaged 	 Lower the ambient temperature. Clean the air filter. Replace the damaged fan.