

Code	Function	Setup Range	Typical User Setup	Typical User Setup	Typical User Setup	User configuration 400Hz 110V motor USA	Notes
P00.00	Line input Frequency	0-120HZ(400HZ)	50.0HZ	400Hz	60Hz	60	60Hz line input
P00.01	Start / stop command source	0: Operator board	0	0	0	0	Use VFD front panel for now
		1: From external input (X1-X6); Stop Button enabled					
		2: From external input (X1-X6); Stop Button dsabled					
		3:From (Modbus Rs485)					
		4:By user application program control Electric machinery					
P00.02	Reserved 0					NA	
P00.03	Stopping Mode	0: Decelerate to stop	0	0	0	0	Let the VFD stop it
		1: Coast to Stop					
		2: Use DC brake resistor to stop					
P00.04	VF: Highest output frequency	1.0-120.0HZ(400HZ)	50	400	60	400	Spindle motor
P00.05	VF: Maximum Voltage Output Frequency	5.0-120.0HZ(400HZ)	50	400	60	400	
P00.06	VF: Highest output Voltage	10.0%-150.0%	100%	100%	100%	100	default
P00.07	VF: Middle Frequency	1.0-120.0HZ(400HZ)	3.0Hz	3.5Hz	3.0Hz	3.5	default
P00.08	VF: Middle Voltage	10.0%-100.0%	10%	20%	10%	10	default
P00.09	VF: Min Frequency	0-120.0HZ(400HZ)	0.2HZ	0.2Hz	0.2Hz	0.2	default
P00.10	VF: Min Voltage	0%-100.0%	5%	10.00%	5.00%	5	default
P00.11	Analog Input quantity 1 Regulation Multistage velocity	0%-100%	100	100	100	100	default
P00.12	VF :Curve Setting 0-4		0	0	0	NA	default
P00.13	Parameter change Lock	0: Unlocked				0	
		1: Locked					
		10: Restore To Factory Defaults					
P00.14	Reserved					NA	default
P00.15	Power on Time prohibit External end son Start-up	0: Power on time, allow External end input effective level, start-up Electric machinery	1	1	1	1	default
		1: Power on time, not allow External end input effective level, start-up Electric machinery					
P00.16	Selection of Starting / stopping Control Mode of external terminal	Options 0 through 8 see booklet 0: If FWD(X5), RUN forward; If REV (X4) RUN Reverse;				0	default
	needs more	1: Determine direction: X4 Open=set FWD, Shut=set REV; X5=Start;					
		2: Three wire motor control: (X3), (X4), (X5) (Enable, REV, FWD)					
		3):					
P00.17	Many Function input X1 mode		1				default
P00.18	Many Function input X2 mode		1				default
P00.19	Many Function input X3 mode		0				default
P00.20	Many Function input X4 mode		0				default

P00.21	Raise/Lower speed frequency-step change	0.0-600Hz (delta frequency)	1	20	1	20	default
P00.22	Raise/Lower speed time-to-make-change	0-65535.5 seconds	2	1		1	default
P00.23	Physics amount display Proportion Constant (display value change)	0-999.9%	100	100	100	100	default
P00.24	Power-ON default display mode	0: Display current target frequency	0	0	0	0	default
		1:Display Electric machinery run frequency.					
		2:Display Electric machinery run current.					
		3:Display input AC voltage					
		4:Display mother Line voltage					
		5:Display output voltage					
		6:Display speed paragraph Number SP x					
		7:Display inverter temperature t xx					
		8:Display input signal X1-X3/output signal					
		9:Display user variable					
		10:Dislay y user Count value					
		11:Dislay y temporary debugging variable					
		12:Display automatic multi segment run step and time					
P00.25	Automatic Return to default display delay-timer (10/S)	0:delay=OFF ;1-6: delay=10-60Sec	1	1	1	1	10 sec delay
P01.00	REVerse RUN enable	0: Reverse Run Enabled 1: Reverse Run Disabled	0	0	0	0	
P01.01	Delay before reversing motor (sec)	Seconds (uses braking mode)				3	
P01.02	Deceleration Prevention overvoltage setting(%)	Percent %	140	140	140	140	
P01.03	Accelerated Prevention overcurrent setting(%)	Percent %	140	140	140	140	
P01.04	Overcurrent Set up (%)	Percent %	120	120	120	120	
P01.05	Overload protection Set up (%)	Percent %	130	130	130	130	
P01.06	Overload protection time Set up (s)	Seconds	120	120	120	120	
P01.07	Under voltage protection Set up (%)	Percent %	80	80	80	80	
P01.08	Overvoltage protection Set up (%)	Percent %	150	150	150	150	
P01.09	After shutdown, start DC Brake voltage Setup (%)	Percent %	15	15	15	15	
P01.10	After shutdown, End DC Brake voltage Setup (%)	Percent %	0	0	0	0	
P01.11	After shutdown, DC Braking Time Set up	Seconds	2	2	2	2	
P01.12	After shutdown, DC Braking Initial Frequency Set up	Hz	0.6	0.6	0.6	0.6	
P01.13	Before start , input DC brake voltage set up (%)	Percent %	20	20	20	20	
P01.14	Before start , End DC Brake voltage Set up (%)	Percent %	15	15	15	15	
P01.15	Before start , DC Braking Time Set up	Seconds	3	3	3	3	
P01.16	Direct start Initial frequency (Improve starting torque)	Percent %	100	100	100	100	
P01.17	3 Direct start Initial frequency Hold time	Seconds	0	0	0	0	
P01.18	power failure frequency decline		80	80	80	80	
P01.19	The power down frequency decline rate	Seconds	5	5	5	5	
P01.20	Restart No load time	Seconds	10	10	10	10	
P01.21	Restart voltage rise time	Seconds	200	200	200	200	

P02.00	When speed up torque will increased		100	100	100	100	default
P02.01	Deceleration time - Torque Boost		100	100	100	100	default
P02.02	Accelerate curve Choice		0	0	0	0	default
P02.03	Deceleration curve Choice		0	0	0	0	default
P02.04	Avoid the f requencey 1		0	0	0	0	default
P02.05	Avoid the f requencey 2		0	0	0	0	default
P02.06	Avoid the f requencey 3		0	0	0	0	default
P02.07	Avoid the frequency Width		0	0	0	0	default
P02.08	Window frequency 1		0	0	0	0	default
P02.09	1 Window frequency 2		0	0	0	0	default
P02.10	Arbitrary Frequency Setpoint	0-400Hz					default
P03.00	RS485 Communication Baud Rate	0: 1200Bps	4	4	4		
		1: 2400Bps					
		2: 4800Bps					
		3: 9600Bps					
		4: 19200Bps					
		5: 38400Bps					
		6: Contact Manufacturer					
P03.01	RS485 Communication Addresses	1-254 default 10	10	10	10	10	
P03.02	Mode	0: 8 bit data, 1 stop bits, odd parity				2	
		1:8 bit data, 1 stop bits, parity check					
		2: 8 bit data, 1 stop bit, no parity					
		3: 8 bit data, 2 stop bits, odd parity					
		4: 8 bit data, 2 stop bits, parity check					
		5: 8 bit data, 2 stop bit, no parity					
P03.03	Communication error handling	0: Decelerate to Stop	0			0	
		1: Coast to stop					
		2: DC Brake to Stop					
		3: No Down Time (Continue to Run)					
P03.04	Communication error tolerance time	msec	500	500	500	500	
P03.05	4-20mA Break detection time	msec	500	500	500	500	
P03.06	Panel potentiometer,Lower limit of AD norm	0-1023	3			3	
P03.07	Panel potentiometer,Upper limit of AD specification	0-1023	1020	1015	1020	1020	
P03.08	Panel potentiometer, frequency given of lower limit 0.0HZ	0.0-600Hz	0	0	0	0	
P03.09	Panel potentiometer, frequency given of Upper limit	0-120HZ(400HZ) 60.0HZ	50	400	60	400	
P03.10	Analog Input 1 AD lower limit	0-1023	3	60	3	60	
P03.11	Analog Input 1 AD Upper limit	0-1023	1020	1015	1020	1020	
P03.12	Analog Input 1 frequency given lower limit	0-600Hz	0	60	0	60	
P03.13	Analog Input 1 frequency given Upper limit	0-600Hz	50	400	60	400	
P03.14	Analog Input 2 AD lower limit	0-1023	3	60		60	
P03.15	Analog Input 2 AD Upper limit	0-1023	1020	1015	1020	1020	
P03.16	Analog Input 2 frequency given lower limit	0-600Hz	3	60		60	
P03.17	Analog Input 2 frequency given Upper limit	0-600Hz	50	400	60	400	

P03.18	Analog output correlation	See JP1 jumper config table	0	0			
P03.19	Analog output gain setting	0-200%	100	100	100	100	
P04.00	Mo analog multiplier output frequency multiplier		10	10	10	10	
P04.01	Mo1 Function Options		0	0		0	
P04.02	Mo2 Function Option	Mo2 Function Option	1	1		1	
P04.03	Multi-function Relay 1 Function selection	0:Fault status; Fault=ON; no-Fault=OFF				8	
P04.04	Multi-function Relay 2 Function selection	1:Fault status; No-Fault=ON; Fault=OFF					
		2: Rreserved					
		3:Arbitrary frequency arrival Time, Relay=ON,Related to P02-10 settings					
		4:Warning: Power Down, Relay=ON					
		5:Warning: Low Voltage, Relay=ON					
		6: Warning: Over Voltage, Relay=ON					
		7: Warning: Over current, Relay=ON					
		8:Non zero velocity, Relay=ON					
		9:DC Bake active, Relay ON					
		10:Warning: Over torque, Relay ON					
		11:External interrupt faulted, Relay=ON					
		12:Forward Mode,Relay=ON					
		13:Reversal Mode, Relay ON					
		14:Move Time, Relay=ON					
		15:Accererating, Relay=ON					
		16:Decelrating, Relay=ON					
		17:At constant speed, Relay=ON					
		18:X1 active, Relay=ON					
		19:X2 active, Relay=ON					
		20:X3 active, Relay=ON					
		21:X4 active Relay=ON					
		22:X5 active, Relay=ON					
		23:X6 active, Relay=ON					
		24: Forward and bus voltage greater than 400V Time, Relay=ON					
		25: Reverse and bus voltage greater than 400V Time, Relay=ON					
P04.05	Multi-function Relay 1 Action close Delayed 0-65.5 S 0 0 P04.5 1029	0-65.5 Sec	0	0			
P04.06	30 Multi-function Relay 1 disconnect delay action	0-65.5 Sec	0	0			
P04.07	31 Multi-function Relay 1 Action close Delayed	0-65.5 Sec	0	0			
P04.08	32 Multi-function Relay 1 disconnect delay action	0-65.5 Sec	0	0			
P04.09	33 Stall rotor detection time	0-65.5 sec	1	1		1	
P04.10	34 Switch amount (Di) sampling time	0-1000msec	8	24	24	24	
P04.11	35 Stopping Mode	0:Decelerating stop; 1: coast to stop	0	0	0	0	
P05.00	PID Output Upper limit frequency		50	50	50		default
P05.01	PID Output lower limit frequency		25	25	25		default
P05.02	PID Given Source		0	0	0		default
P05.03	PID Values Given		0.2	0.2	0.2		default
P05.04	PID Output characteristic(FOR /REV)		0	0	0		default
P05.05	PID Output characteristic (FOR/REV)		0	0			default
P05.06	PID Proportional Gain	0-100.0	50	50	50		default

P05.07	PID Integration Time Ti	0-100.0	50	50	50		default
P05.08	PID Derivative Time Td	0-100.0	50	50	50		default
P05.09	PID Deviation Limit	0-50.0	5	5	5		default
P05.10	PID Integral upper limit		50	50	50		default
P05.11	PID Given Change Time	0-600.0	1	1	1		default
P05.12	PID Feedback Filter Time		0	0	0		default
P06.00	Acceleration Time		0	0	0		default
P06.01	Accel.Time 1	0.1-6553.5	5	9	5		default
P06.02	Decel. Time 1	0.1-6553.5	5	8.6	5.05		default
P06.03	Accel.Time 2	0.1-6553.5	2	2	2		default
P06.04	Decel. Time 2	0.1-6553.5	2	2	2		default
P06.05	Accel.Time 3	0.1-6553.5	2	2	2		default
P06.06	Decel. Time 3	0.1-6553.5	2	2	2		default
P06.07	Accel.Time 4	0.1-6553.5	2	2	2		default
P06.08	Decel. Time 4	0.1-6553.5	2	2	2		default
P06.09	Accel.Time 5	0.1-6553.5	2	2	2		default
P06.10	Decel. Time 5	0.1-6553.5	2	2	2		default
P06.11	Accel.Time 6	0.1-6553.5	2	2	2		default
P06.12	Decel. Time 6	0.1-6553.5	2	2	2		default
P06.13	Accel.Time 7	0.1-6553.5	2	2	2		default
P06.14	Decel. Time 7	0.1-6553.5	2	2	2		default
P06.15	Accel.Time 8	0.1-6553.5	2	2	2		default
P06.16	Decel. Time 8	0.1-6553.5	2	2	2		default
P06.17	Jog Acceleration Time	0.1-6553.5	2	2	2		default
P06.18	Jog Deceleration Time	0.1-6553.5	2	2	2		default
P07.00	Frequency 1	0-120HZ(400HZ)	50	400	60	400	
P07.01	Frequency 2	0-120HZ(400HZ)	45	350	55	350	
P07.02	Frequency 3	0-120HZ(400HZ)	40	300	50	300	
P07.03	Frequency 4	0-120HZ(400HZ)	35	250	45	250	
P07.04	Frequency 5	0-120HZ(400HZ)	30	200	40	200	
P07.05	Frequency 6	0-120HZ(400HZ)	25	150	35	150	
P07.06	Frequency 7	0-120HZ(400HZ)	20	100	30	100	
P07.07	Frequency 8	0-120HZ(400HZ)	15	50	25	50	
P07.08	Frequency source selection 1	0: Operator board (parameter: P03.06	0	0	0		
P07.09	Frequency source selection 2	1: Pre-set Freq, P00.00 Set frequency value ,Operation panel keyboard,Can be set directly	0	0			
P07.10	Frequency source selection 3	2:No. X paragraph frequency2					
P07.11	Frequency source selection 4	3: Analog Input. :P03.10~P03.13)	2	2			
P07.12	Frequency source selection 5	4: external simulation amount 2 (VI2)					
P07.13	Frequency source selection 6	5: (Modbus Rs485)Given frequency 2 2	2	2	2		
P07.14	Frequency source selection 7	6: User application program, given frequency	2	2	2		
P07.15	Frequency source selection 8	7:(Pid)Output frequency	2	2	2		
		Other Reserved					
	Note Three control methods	1.The motor speed is controlled by the					
		2.Motor speed control by external terminals (Potentiometer 10K). P00.01 set to 1, P07.08 set to 3					
		3.Motor speed control by external terminals. P00.01 set to 1,P07.08 set to 1.					
P07.16	Jogging Frequency FORWARD	0-120HZ(400HZ) 15.0HZ	15.0Hz	60	18		
P07.17	Jogging Frequency REV	0-120HZ(400HZ)	15.0Hz	60	18		

P08.00		Automatic many paragraph Running: Running direction Binary data format to set the direction of operation, see (the automatic multi segment operation, the operation of the direction set table)					
P08.01		Automatic many paragraph Running: mode Choice 0:Automatic multi segment operation is invalid;	0	0			
		1:Aftter execution complete,Stop;					
		2: After execution complete,Keep the last running state,Continued running;					
		3:After execution complete, Repeated execution.					
P08.02	Automatic many paragraph Running time Units:S/M	0:Seconds;1:Minutes	0	0			
P08.03	Automatic many paragraph Running: No.1 paragraph Running time Automaticmulti- section run time,Set up Section speed run time?Time units are determined by P08.02 Decision?Set run is 0,Indicates that this section is not executed.	10	1	1			
P08.04	53 Automatic many paragraph Running: No.2 paragraph Running time 10		1.5	1.5			
P08.05	54 Automatic many paragraph Running: No.3 paragraph Running time 10		1	1			
P08.06	55 Automatic many paragraph Running: No.4 paragraph Running time 10		1.5	1.5			
P08.07	56 Automatic many paragraph Running: No.5 paragraph Running time 10		1	1			
P08.08	57 Automatic many paragraph Running: No.6 paragraph Running time 10		1.5	1.5			
P08.09	58 Automatic many paragraph Running: No.7 paragraph Running time 10		1	1			
P08.10	04 Automatic many paragraph Running: No.8 paragraph Running time 10		1.5	1.5			
P09.00	05 frequency Range(%)	0-200%	0	0			
P09.01	06 frequency wave Range(%)	0-400%	200	30	30		
P09.02	07 frequency Rise time(S)	0.1-999.9 Sec	6	6	6	3	
P09.03	60 frequency decline time(S)	0.1-999.9 Sec	5	5	5	3	
P10.00	Counter reload,value	counts	1000	1000	1000		
P10.01	Counter current value	counts	0	0	0		
P10.02	Timer reload,value	counts	1000	1000	1000		
P10.03	Timer current value	counts	0	0	0		
P11.00	Output Status		1	1	1	NA	read only
P11.01	Output Voltage	(V)	0	0		NA	read only
P11.02	Output Current	(A)	5	5		NA	read only
P11.03	Output Frequency	(Hz)	50	400	60	NA	read only
P11.04	Current Heatsink Temperature	Deg C	25	25	25	NA	read only

P12.00	Rated Motor Current		5	5	5	8	
P12.01	Rated Motor Voltage	Rated Motor Voltage 220 220 P12.2 3074	220	110	110	110	
P12.02	Motor Pole number	2-100	2	2	2	2	
P12.03	Motor no-load current	%				20	
P12.04	Motor no-load current detection time(S)	(S)	10	10		10	
P12.05	Converter rated current(A)		5	5		15	see nameplate
P12.06	Converter rated Voltage(V)	(V)				110	see nameplate
P12.07	DC bus output voltage%	%	140	130		140	
P12.08	Heat sink over temperature protection point	Deg C	75	75		75	
P12.09	Radiating fin temperature sensor configuration		1	1		1	
P12.10	Abnormal reset implement wait time	Sec	120	120		120	
P12.11	Fan Function Pattern	0:Motor running tine, start fan;	1	1		1	
		1: When the fan operating temperature (P12.12) is exceeded,Instant start fan; When the temperature is lower than the fan temperature point,Delay about 1 minutes to close the fan;					
		2: Fan always ON;					
		3: Fan always OFF;					
P12.12	Cooling fan operating temperature	Deg C	45	45	45	45	
P12.13	Fan Testing						
P12.14	Bypass relay closed detection		0	0			
P12.15	Bypass Relay delay time	sec	1.5	1			
P12.16	Power on delay timer initial value(S)	Seconds	50	50			
P12.17	Electric current sensor To configure	#	1	1			
P12.18	Automatic stable pressure function Choice		1	1			
P12.19	PWM Frequency	2.0-15.0KHZ (110V13.0KHZ 220V11.0KHZ 380V6.0KHZ)	8.0KHZ	13.0KHz		13	
P12.20	SVPWM Pattern	0:Three-phase asynchronous motor	0	0			
		1:2-Phase asynchronous motor (Single-phase motor, 90 degree phase difference,No Starting capacitor)	0	0	0	0	
	Product Information						
P13.00	Softwarer Version #						read only
P13.01	Hardware Version #						read only
P13.02	Producer						read only
P13.03	Mfg year & date	YY:WK					read only
P13.04	Product ID	#					read only
P13.05	Cumulative Opeating Time	Hours					read only
P14.00							
P14.01							
P14.02							
P14.03							
P14.04							
P14.05							
P14.06							
P14.07							
P14.08							
P14.09							

P14.10							
P14.11							
P14.12							
P14.13							
P14.14							