



P0: General Setting

Para	Description	Unit	Value
P0.0	Language	-	English
P0.1	LCD Backlight	%	90
P0.2	LCD Contrast	%	70
P0.3	Control Type	-	Parallel port
P0.4	Parallel Speed Input	-	Multi Speed
P0.5	Rescue Voltage	V	290
P0.6	Low DC Bus Level	V	340
P0.7	Low DC Bus Detect Time	s	1.000
P0.8	Recue Direction	-	Automatic Direction
P0.9	Current Rescue Threshold	A	10.00
P0.10	Total Operation Time	Day	0
P0.11	Total Running Time	Day	0
P0.12	Hammer Mode	-	OFF
P0.13	Firmware Code	-	5.40 VER
P0.14	Back to Factory Setting	-	No

P1: Motor Setting

Para	Description	Unit	Value
P1.0	Motor Control Type	-	Open loop
P1.1	Motor Power	kW	7.5
P1.2	Motor Current	A	18.0
P1.3	Motor Frequency	Hz	50.00
P1.4	Motor RPM	rpm	1380
P1.5	Motor Voltage	V	380
P1.6	Numper of Poles	-	4
P1.7	Motor Rate Slip	Hz	4.67
P1.8	Motor Direction	-	Straight Dir
P1.9	Motor NoLoad Current	%	50
P1.10	Motor Auto Tune	-	Off

P2: Encoder Setting

Para	Description	Unit	Value
P2.0	Encoder Type	-	Incremental
P2.1	Encoder Puls No	ppr	1024
P2.2	Encoder offset Angle	Deg	0.0
P2.3	Encoder Filter Time	ms	25
P2.4	Encoder Direction	-	Straight Dir
P2.5	Encoder Fault Rate	%	20
P2.6	Encoder Learning	-	off

P3: Special Speed
(P0.4=Special speed)

Para	Description	Unit	Value
P3.0	Car Speed	m/s	1.000
P3.1	Slow Speed	m/s	0.080
P3.2	Leveling Speed	m/s	0.025
P3.3	Revision Speed	m/s	0.200
P3.4	Middle Speed	m/s	0.800
P3.5	High Speed	m/s	1.000
P3.6	Rescue Speed	m/s	0.050
P3.7	Hammer Mode	m/s	0.050

BETA VERSION

پارامترهای Star400 در یک نگاه

P4: Priority Speed
(P0.4=Priority speed)

Para	Description	Unit	Value
P4.0	Car Speed	m/s	1.000
P4.1	Only Direction	m/s	0.000
P4.2	V0 Speed	m/s	0.025
P4.3	V1 Speed	m/s	0.080
P4.4	V2 Speed	m/s	0.200
P4.5	V3 Speed	m/s	1.000
P4.6	V2+V3 Speed	m/s	0.010
P4.7	Rescue Speed	m/s	0.050
P4.8	Hammer Speed	m/s	0.050

P5: Multy Speed
(P0.4=Multy speed)

Para	Description	Unit	Value
P5.0	Car Speed	m/s	1.000
P5.1	Only Speed	-	No Speed
P5.2	Multy Speed-1	m/s	0.500
P5.3	Multy Speed-2	m/s	0.000
P5.4	Multy Speed-3	m/s	0.000
P5.5	Multy Speed-4	m/s	0.000
P5.6	Multy Speed-5	m/s	0.000
P5.7	Multy Speed-6	m/s	0.000
P5.8	Multy Speed-7	m/s	0.000
P5.9	Multy Speed-8	m/s	0.000
P5.10	Multy Speed-9	m/s	0.000
P5.11	Multy Speed-10	m/s	0.000
P5.12	Multy Speed-11	m/s	0.000
P5.13	Multy Speed-12	m/s	0.000
P5.14	Multy Speed-13	m/s	0.000
P5.15	Multy Speed-14	m/s	0.000
P5.16	Multy Speed-15	m/s	0.000
P5.17	Rescue Speed	m/s	No Speed
P5.18	Hammer Speed	m/s	No Speed

P6: Time Setting

Para	Description	Unit	Value
P6.0	Direction Delay	s	1.00
P6.1	Magnetization Time	s	0.5
P6.2	Speed Delay	s	0.8
P6.3	Acc. Int Jerk	s	1.50
P6.4	Acceleration Time	s	2.20
P6.5	Acc. End Jerk	s	1.30
P6.6	Dec. Int Jerk	s	1.30
P6.7	Deceleration Time	s	1.60
P6.8	Decel. End Jerk	s	1.30
P6.9	Current Down Delay	s	0.00
P6.10	Contact Delay	Hz	0.5

P7: PID Setting

Para	Description	Unit	Value
P7.0	Current KP	-	0.70
P7.1	Current KI	-	0.50
P7.2	Current KD	-	0.00
P7.3	Zero Speed KP	-	50.00
P7.4	Zero Speed KI	-	60.00
P7.5	Zero Speed KD	-	0.25
P7.6	Low Speed KP	-	35.00
P7.7	Low Speed KI	-	15.00
P7.8	Low Speed KD	-	0.25
P7.9	Medium Speed KP	-	60.00
P7.10	Medium Speed KI	-	12.50
P7.11	Medium Speed KD	-	0.1
P7.12	High Speed KP	-	70.0
P7.13	High Speed KI	-	2.50
P7.14	High Speed KD	-	0.05
P7.15	Low Spd Switch Freq	%	1.0
P7.16	High Spd Switch Freq	%	60.0
P7.17	Carrier Frequency	kHz	8.000
P7.18	Low Spd Current Limit	%	100.0
P7.19	Low Spd Over Current Detection Time	s	10.0
P7.20	High Spd Current Limit	%	120
P7.21	High Spd Over Current Detection Time	s	10.0
P7.22	Zero Spd Detection Frq	Hz	0.50
P7.23	Maximum Torque	%	150
P7.24	Braking Voltage	V	650
P7.25	Input Phase Lost	-	0

P8: Error Logs

Para	Description	Unit	Value
P8.0	Auto Reset Time	s	3.0
P8.1	Auto Reset No	-	100
P8.2	Erase Errors	-	Off
P8.3	Error Log-1	-	No Error

P9: Quick Installation

Para	Description	Unit	Value
P9.0	Motor Control Type	-	Open loop
P9.1	Motor Power	kW	7.5
P9.2	Motor Current	A	18.0
P9.3	Motor Frequency	Hz	50.00
P9.4	Motor Speed	rpm	1380
P9.5	Motor Voltage	V	380
P9.6	Numper of Poles	-	4
P9.7	Encoder Type	-	Incremental
P9.8	Cabin Speed	-	1.000
P9.9	Moto Auto Tune	-	Off