

You can copy parameters from a controller to another, please operate as bellow:

- 1) Assure the controller not in the driver mode, Connect the Programmer, Power on the controller.
- 2) If you want to refresh the parameters save in the programmer, go to “COPY-> COPY TO PROGRAMMER” menu, then press “OK” button, the parameters of the controller will save to the programmer; If not to refresh the parameters save in the programmer, go to step 3.
- 3) Go to “COPY-> COPY TO CONTROLLER” menu, press “OK” button, the parameters save in the programmer will copy to the controller
- 4) Power of the controller, wait for 5 seconds, then power on then controller, go to “MONITOR” menu, watch the status of the controller. If there is a HPD fault, please check:
  - HIGH PEDAL CHECK
  - THRTL TYPE
  - THRTL DEADBAND
  - THRTL RANGE

Parameters		Values of Programmer			Values of Product	Unit
		Minimum	Default	Maximum		
MOTOR PARAM						
	MOTOR RES	10	260	900	260	milliohm
	MAIN CURR LIMIT	10	30	110	110	ampere
	OVER CURR DELAY	1	10	15	5	second
ACCEL PARAM						
	ACCEL MAX SPD	0.2	3.0	4.0	2.0	second
	ACCEL MIN SPD	0.2	3.0	8.0	2.0	second
	REV ACCEL MAX	0.2	5.0	10.0	2.0	second
	REV ACCEL MIN	0.2	5.0	10.0	2.0	second
	GEAR SOFTEN	0	50	100	60	percent
	SOFT START	0	50	100	60	percent
DECEL PARAM						
	DECEL MAX SPD	0.2	3.0	4.0	2.0	second
	DECEL MIN SPD	0.2	3.0	8.0	2.0	second
	REV DECEL MAX	0.2	5.0	10.0	2.0	second
	REV DECEL MIN	0.2	5.0	10.0	2.0	second
	EMG STOP DECEL	0.2	3.0	4.0	0.5	second
	KEY OFF DECEL	0.2	3.0	4.0	2.0	second
	BRAKE DELAY	0.0	1.0	2.0	2.0	second
	EMG REV TIME	0.2	2.0	4.0	3.0	second
SPEED PARAM						
	M1 FWD MAX SPD	15	60	100	90	percent

	M1 FWD MIN SPD	0	1	60	0	percent
	M1 REV MAX SPD	15	50	100	60	percent
	M1 REV MIN SPD	0	1	40	0	percent
	M2 FWD MAX SPD	15	60	100	90	percent
	M2 FWD MIN SPD	0	1	60	0	percent
	M2 REV MAX SPD	15	50	100	60	percent
	M2 REV MIN SPD	0	1	40	0	percent
	CREEP SPD	0	3	10	3	percent
	PUSH SPD	25	25	50	30	percent
	IR COMP	0	0	100	80	percent
	MAX SPD VOLTS	80	100	120	100	percent
THRTL PARAM						
	THRTL TYPE	0-5K	0-5K	5-2.5-0V	0-5V	
	THRTL DEADBAND	3	20	25	20	percent
	THRTL RANGE	50	80	97	80	percent
	RAMP SHAPE	20	50	70	50	percent
FAULT PARAM						
	HIGH PEDAL CHECK	No	Yes	Yes	Yes	Yes/No
	BRAKE CHECK	No	Yes	Yes	Yes	Yes/No
	FAULT BEEP	No	No	Yes	No	Yes/No
OTHER PARAM						
	SEAT LEAFT	No	No	Yes	No	Yes/No
	BEEPER ALTER	No	Yes	Yes	Yes	Yes/No
	AMPERE HOURS	0	70	500	70	A*H
	BDI FULL VLTS	95	95	105	95	percent
	BDI EMPTY VLTS	79	80	100	80	percent
	BDI RESET VLTS	83	110	125	120	percent
	SLEEP DELAY	0	0	60	60	minute