

# How to setup ESC module Technical FAQ





Make your work more efficient



### Prerequisites:

Hardware: PC, ESC programming USB cable Software:

SecureCRT: https://chcnavigation.jianguoyun.com/p/DbscgsMQq9WzCxi7n\_gEIAA

### Steps:

1.PC should be connected to the ESC module using a programming USB cable:



ESC programming USB cable





### 2.Launch Brushless\_USB\_Link\_V3.00.exe software

Name	Date modified	Туре	Size
res	2021-08-16 오전 9:44	File folder	
Brushless_USB_Link_V3.00.exe	2020-04-20 오후 12:03	Application	456 KB
Brushless_USB_Link_V3.00.exe.intermedia	2020-04-20 오후 12:03	MANIFEST File	1 KB
Brushless_USB_Link_V3.00.pch	2020- <mark>04</mark> -20 오후 12:03	PCH File	15,040 KB
Brushless_USB_Link_V3.00.pdb	2020-04-20 오후 12:03	PDB File	5,587 KB
尾 FVTlogo.png	2019-06-26 오전 11:42	이미지(png) 파일	98 KB
📓 language.ini	2023-02-17 오전 11:32	Configuration sett	10 KB
SLABHIDDevice.dll	2010-10-26 오전 11:10	Application exten	108 KB
💞 Uninstall.exe	2020-04-20 오후 12:26	Application	99 KB
🔄 Uninstall.ini	2020-04-20 오후 12:26	Configuration sett	4 KB

3.Verify the "Link Status" by checking that both green lights:

: <del>Ste</del> S	Software Version ESC V3.00_200 2 IN 1 V2.00_200	Link Status 1722 U: 1417 E:	SB Device SC Device	
1.Motor Timing	3.Running Mode	12.Start Power		
Normal(*) v	Bidirection(*) V	37(*) ×		
2.Step Acceleration	4.Motor ABS	9.Motor Direction	14.Min_Throt	tle
Medium(*) ~	Off(*) ~	Reverse ~	1000	-
5.Demag Compensation	7. Throttle Percent Forward	10.TEMP Protection	15.Max_Thrott	le
Low(*) ~	<b>100%(*)</b> ~	off 🗸 🗸	2004	-
6.Cut-off Voltage	8.Throttle Percent Reverse	11.Frequency Select	16.Center_Th	ottle
No Protection ~	<b>100%(*)</b> ~	High(*) ~	1504	÷
Controller Command	end Settings Update	Firmware	OK!	

4. The Set the parameter to match the image blow:

: Fe S	Software Version           ESC         V3.00_200           2 IN 1         V2.00_200	Link Status 722 US 417 ES	SB Device SC Device
1.Motor Timing	3.Running Mode	12.Start Power	
Normal(*) V	Bidirection(*) ~	37(*) ×	
2.Step Acceleration	4.Motor ABS	9.Motor Direction	14.Min_Throttle
Medium(*)	Off(*) v	Reverse ~	1000
5.Demag Compensation	7. Throttle Percent Forward	10.TEMP Protection	15.Max_Throttle
Low(*) ~	100%(*) ~	off ~	2004
6.Cut-off Voltage	8.Throttle Percent Reverse	11.Frequency Select	16.Center_Throttle
No Protection	100%(*)	High(*) v	1504

5.Set 9.Motor Direction

### Normal (\*)= RIGHT MOTOR =CW



### **Reverse = LEFT MOTOR = CCW**

🛯 🌌 🚵 🕞 🕤	Software Version	Link Status		
2 80	ESC V3.00_2	200722	SB Device	
ore D	2 IN 1 V2.00_2	200417 E	SC Device	
1.Motor Timing	3.Running Mode	12.Start Power		
Normal(*)	Bidirection(*) ~	37(*) ~		
2.Step Acceleration	4.Motor ABS	9.Motor Direction	14.Min_Throt	ttle
Medium(*)	Off(*) ~	Reverse ~	1000	<b>•</b>
Demag Compensation	7.Throttle Percent Forwa	nrd Reverse	15.Max_Thrott	tle
Low(*) ~	100%(*) ×	off v	2004	÷
6.Cut-off Voltage	8.Throttle Percent Rever	se 11.Frequency Select	16.Center_Th	rottle
		18-64	1504	

i 🜌 🌇 💓 🤅	Softwa	re Version	Link	Status		
2 × C	ESC	V3.00_200	722	US	B Device	
core I	2 IN 1	V2.00_200	417	ES	C Device	
1.Motor Timing	3.Running Mo	de	12.Start Pow	er		
Normal(*) ~	Bidirection(*)	) ~	37(*)	~		
2.Step Acceleration	4.Motor ABS		9.Motor Dire	ction	14.Min_Thro	ttle
Medium(*) ~	Off(*)	~	Reverse	~	1000	•
Demag Compensation	7.Throttle Per	cent Forward	10.TEMP Pro	tection	15.Max_Throt	tle
Low(*) ~	100%(*)	~	off	~	2004	÷
6.Cut-off Voltage	8.Throttle Perc	cent Reverse	11.Frequency	y Select	16.Center_Th	rottle
No Protection ~	100%(*)	~	High(*)	~	1504	
ontroller Command						

7.Please rebooting the USV, reconnect and check 'Read Settings' to reconfirm whether the

setting is applied.

2 2 9 3 Kê S	Software Version ESC V3.00_200 2 IN 1 V2.00_200	Link Status	6B Device 6C Device		
1.Motor Timing	3.Running Mode	12.Start Power			
Normal(*)	Bidirection(*) V	37(*) ×			
2.Step Acceleration	4.Motor ABS	9.Motor Direction	14.Min_Throttle		
Medium(*)	Off(*) ~	Reverse ~	1000	<b>•</b>	
Demag Compensation	7. Throttle Percent Forward	10.TEMP Protection	15.Max_Throttle		
Low(*) ~	100%(*) ~	off ~	2004	-	
5.Cut-off Voltage	8.Throttle Percent Reverse	11.Frequency Select	16.Center_Throttl	е	
No Protection ~	<b>100%(*)</b> ~	High(*) ~	1504	-	
ontroller Command	end Settings	Firmware	OKI		

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