

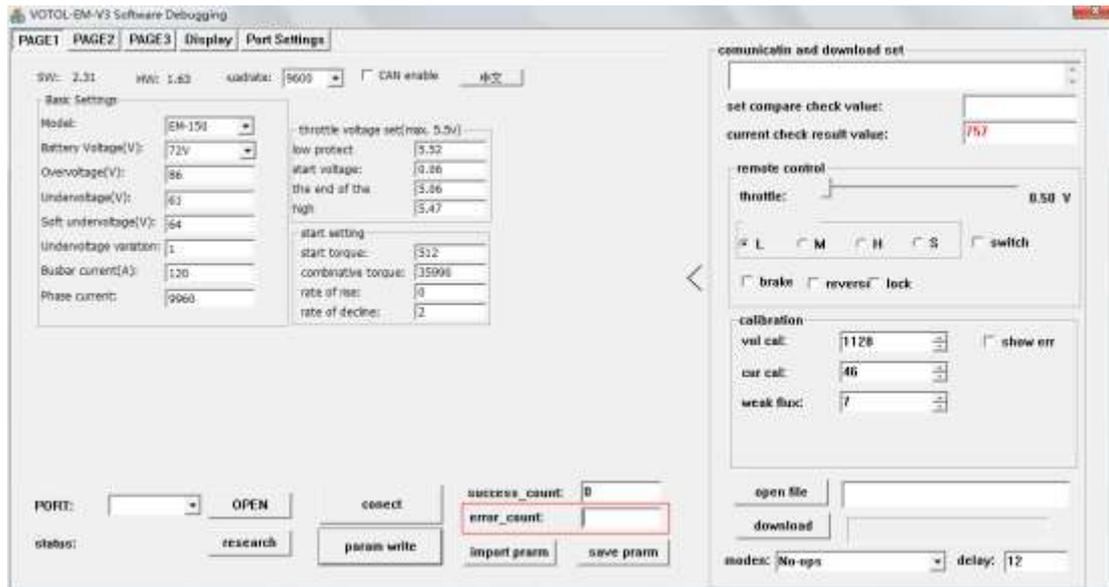
## 20200207

We discuss with controller engineer again for issue # There is no control after full throttle #,

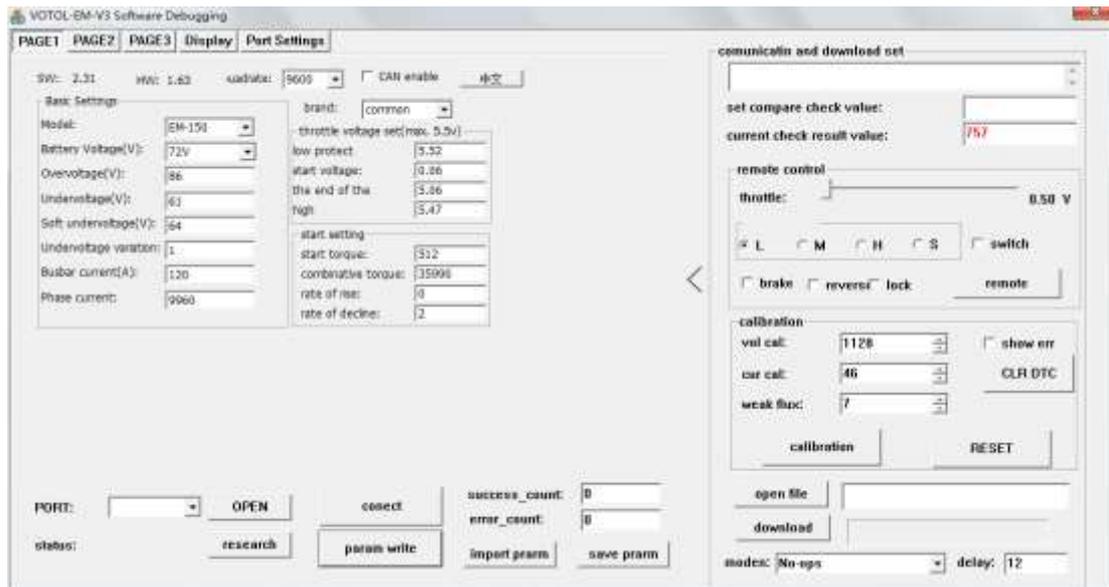
To verify the issue is caused by controller or not, they hope you can cooperate to use # Remote control # function to control the motor.

Following are steps for your reference.

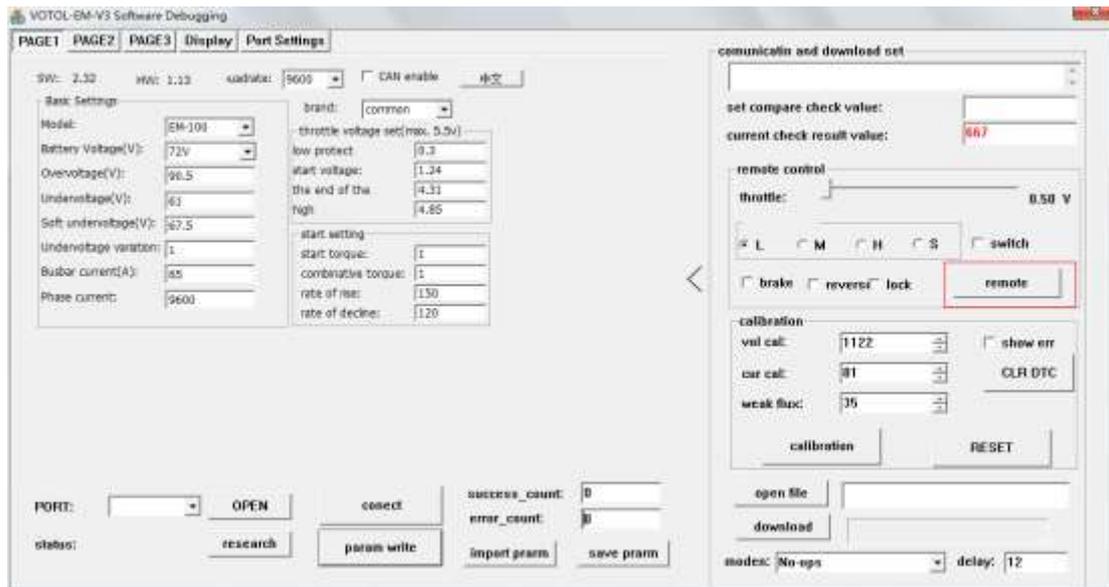
1. Open the software, click # error\_count #



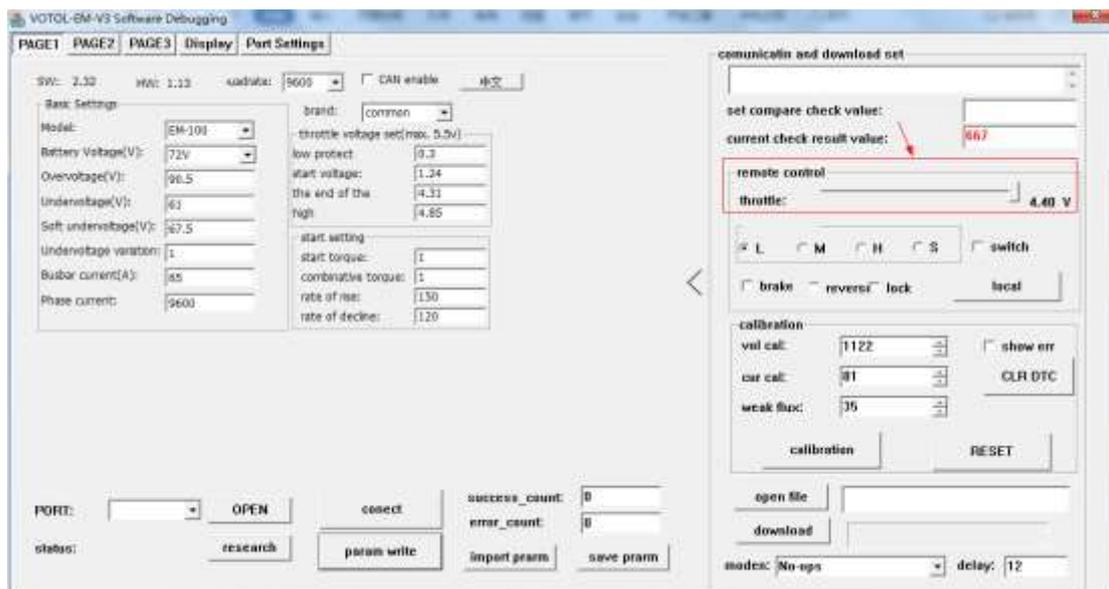
2. Check keyboard, find keys # Shift # & # ~ #, and push key # shift # one time and push key # ~ # two times simultaneously.



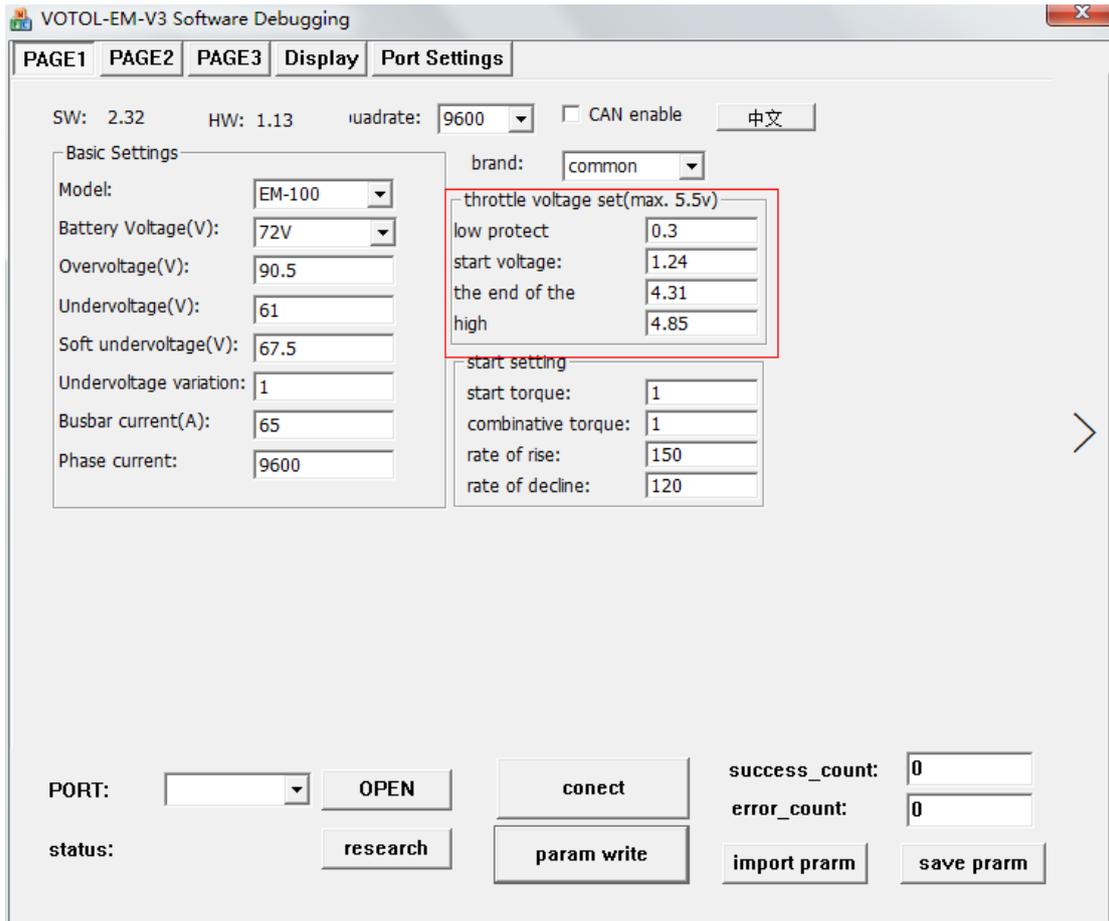
3. Click # Remote #



4. Don't use twist throttle, just use mouse to pull # Throttle line # to 4.4V and check if motor can stop running or not.



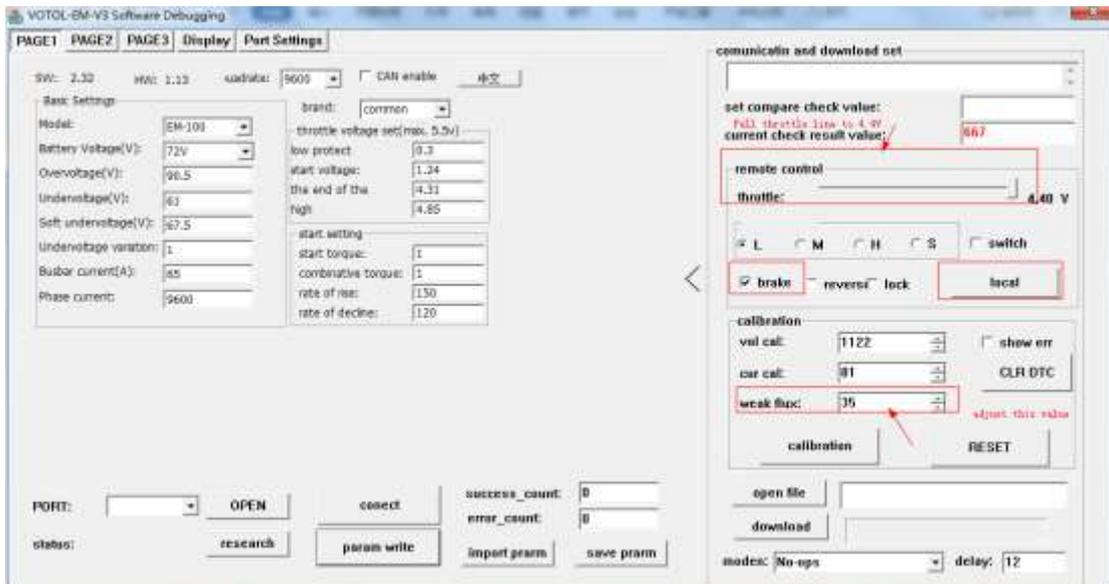
5. If motor can stop running when pull the throttle line to 4.4V, it means controller is workable. You need to adjust the throttle voltage to find a suitable value between controller and your throttle.



6. If motor can't stop, here are further steps.

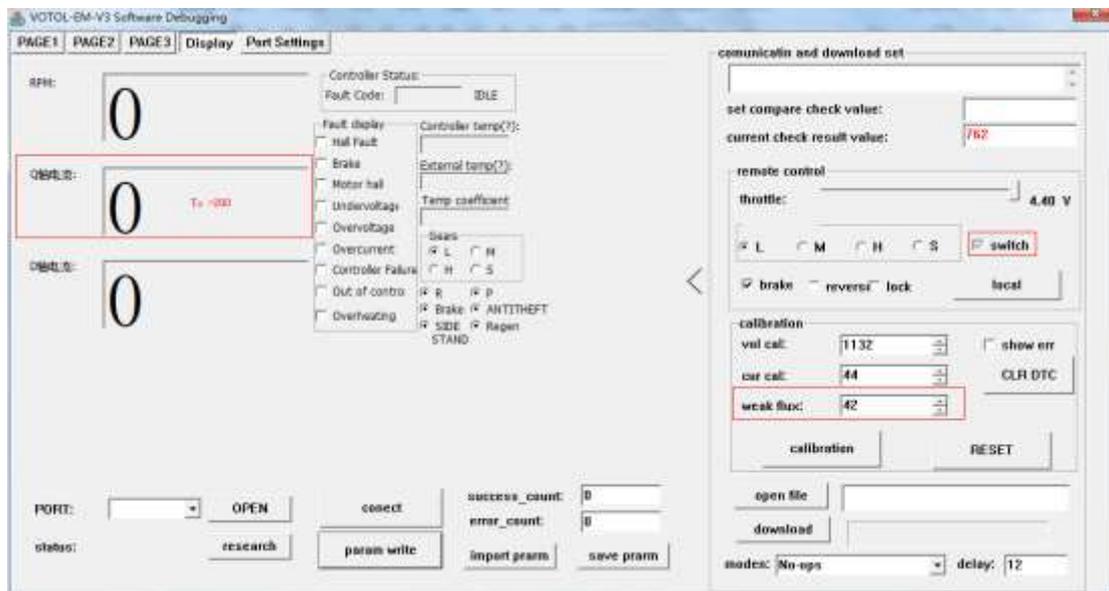
6.1 Pull the # throttle # to 4.4V, Click # brake #, adjust the value of # weak flux #, to check when the motor will stop running.

6.2 When motor stop running, save the weak flux value.



6.2 You can also click # switch # twice times

Then adjust the weak flux value, to make the value of Q 轴电压 to -200

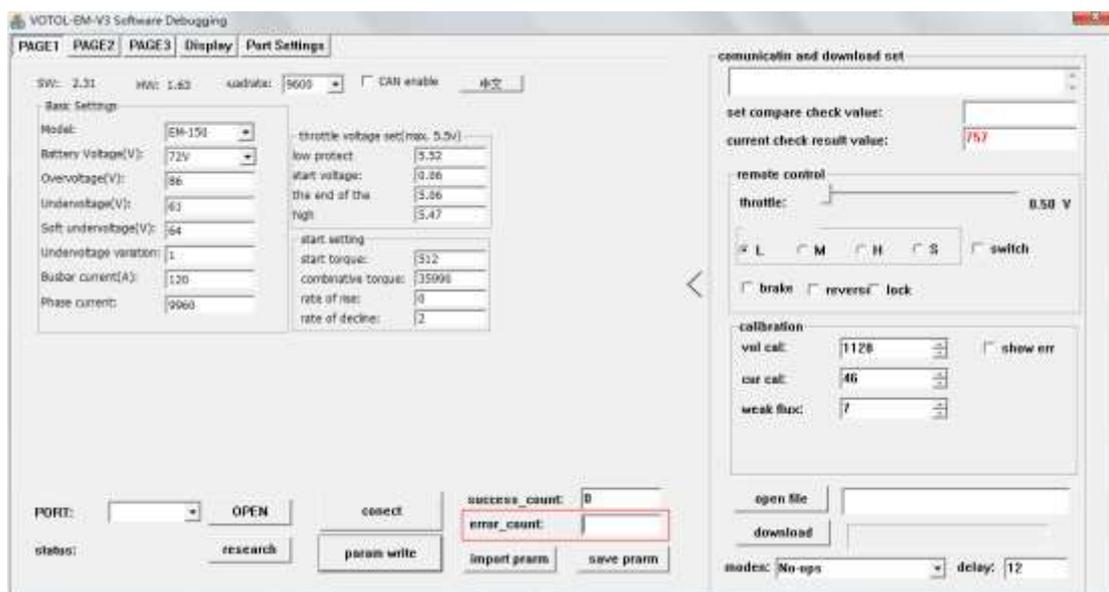


## 20200204

If customer meets issue # There is no control after full throttle #.

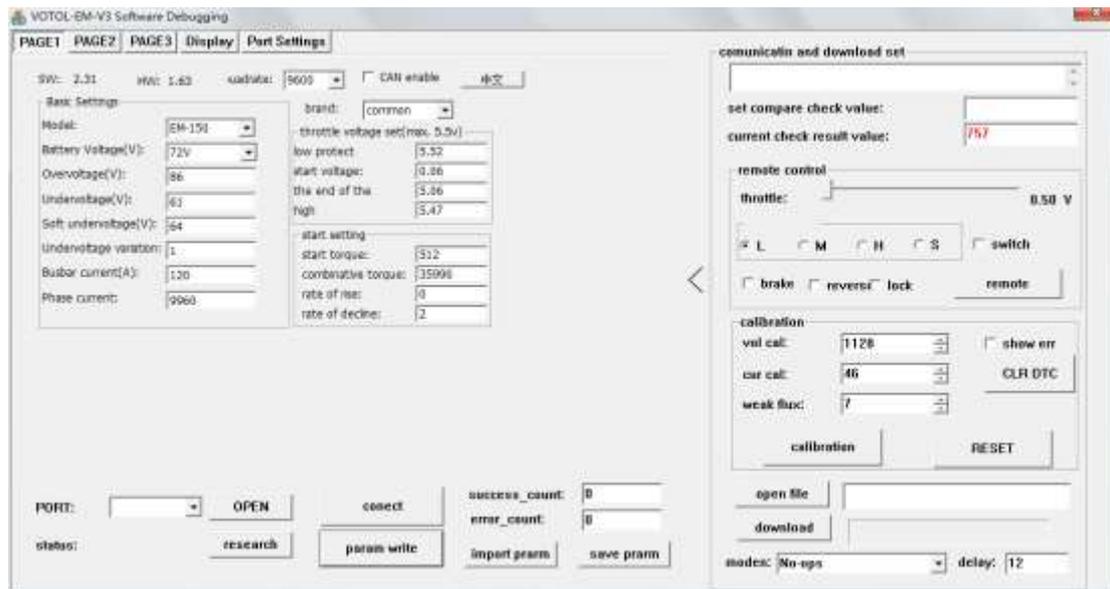
Here are solutions.

1. Open the software, click # error\_count #

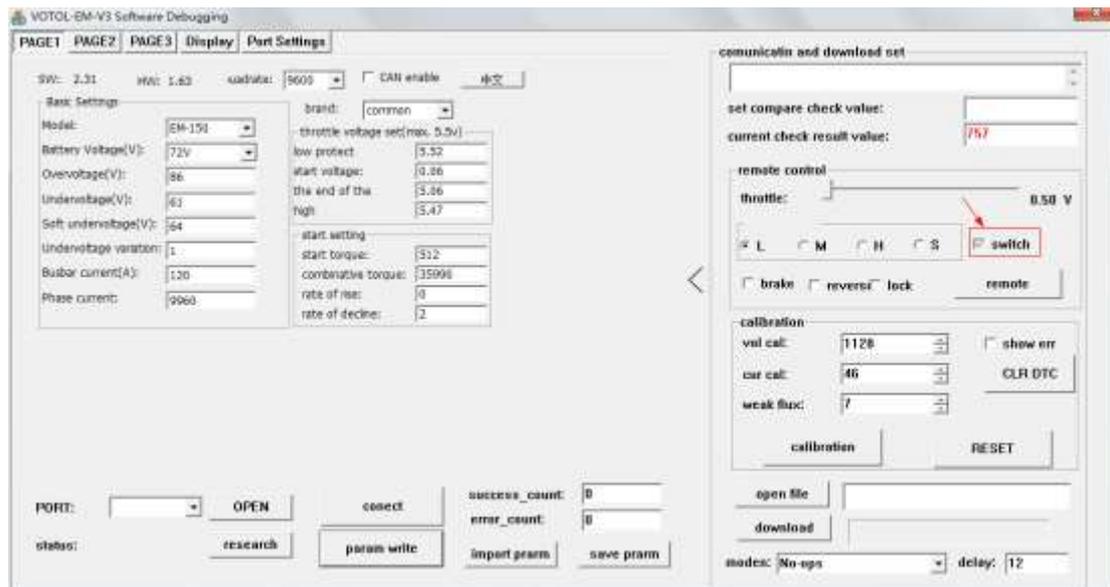


2. Check keyboard, find keys # Shift # & # ~ #, and push key # shift # one time and push key # ~ #

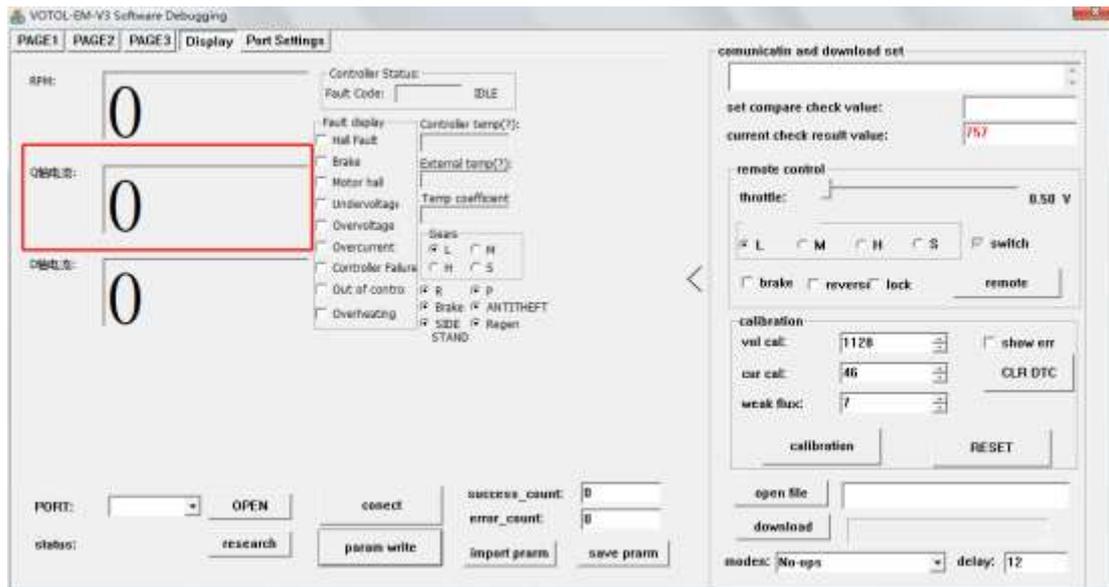
two times simultaneously.



3. Click # switch # twice times.



4. Then twist the throttle to run the motor, and check this value.

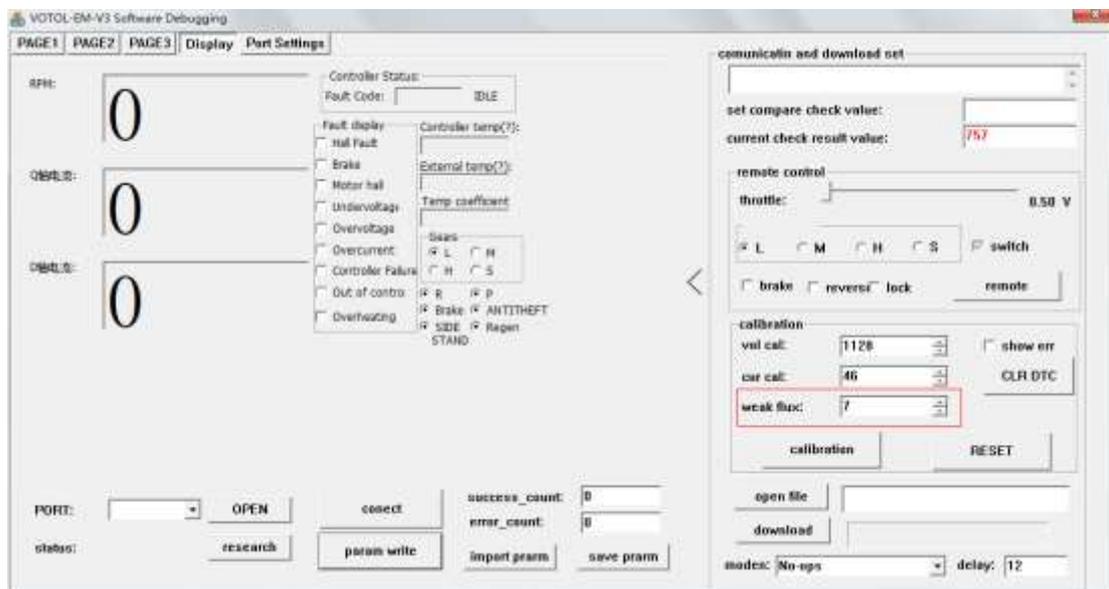


If the value arounds -200, it means normal

If not, please refer to below steps.

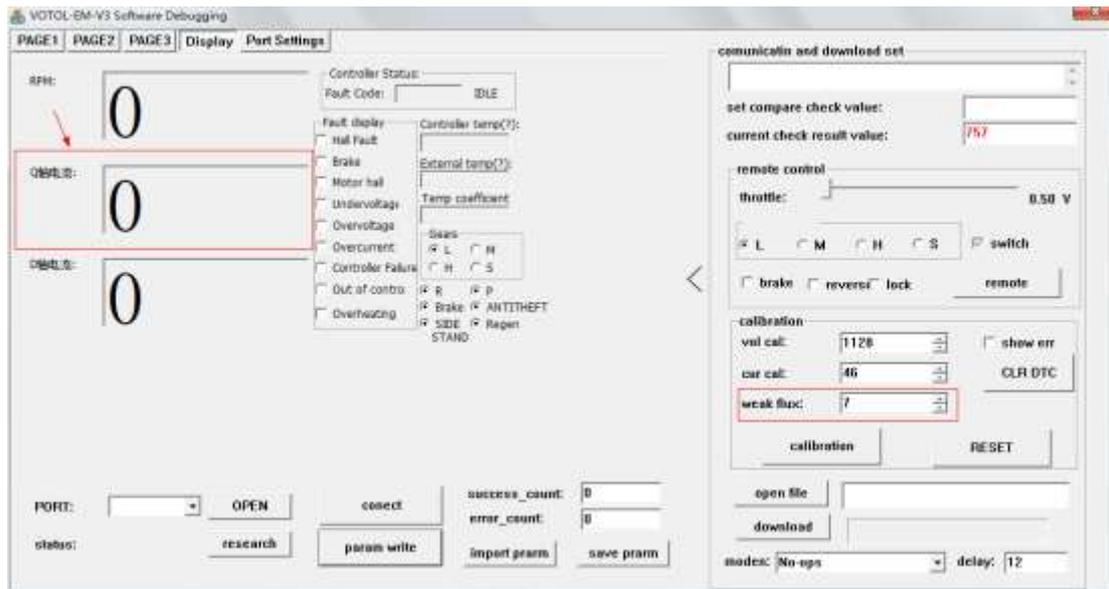
5. Running the motor in full throttle, continue running and don't stop.

In the mean time, adjust the value of # Weak flux #

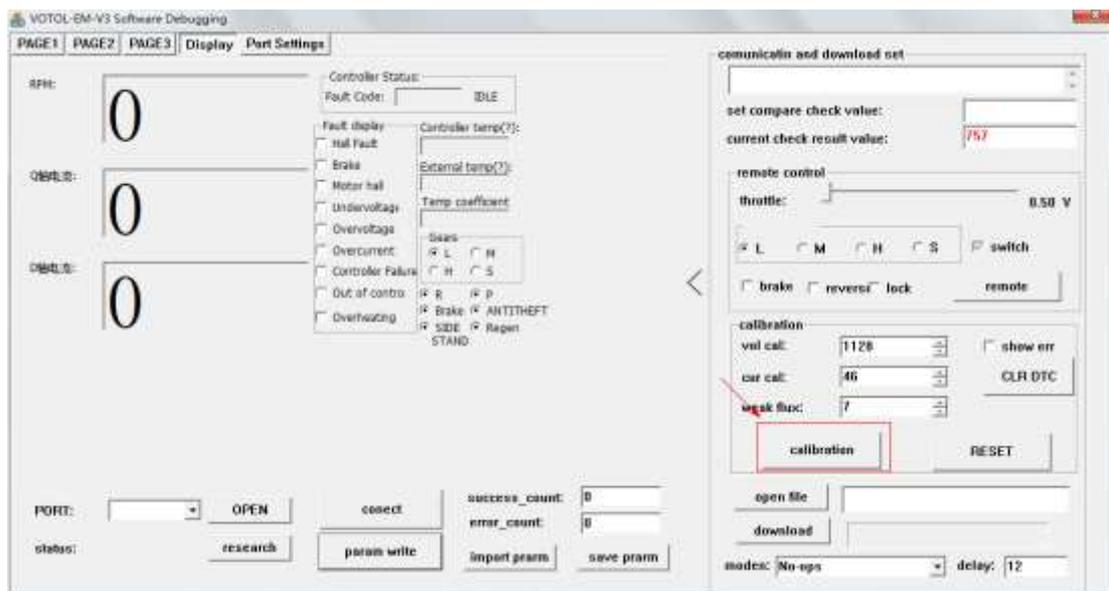


And also, check the value of parameter # Q 轴电流#.

When you find the # Q 轴电流# value changes to near -200, then stop to change the value of # weak flux #, and **keep the final value.**



6. Then click # calibrations #



7. At last, click # Reset #

VOTOL-EM-V3 Software Debugging

PAGE1 PAGE2 PAGE3 Display Part Settings

rpm: 0  
Q速度: 0  
ω速度: 0

Controller Status: Fault Code: IDLE

Fault display: Full Fault, Brake, Motor hall, Undervoltage, Overvoltage, Overcurrent, Controller Failure, Out of control, Overheating

Controller temp(?): External temp(?), Temp coefficient

Skews: L, M, H, S

Ports: R, P, Brake, ANTI THEFT, SIDE, Regen, STAND

PORT: OPEN connect success\_count: 0 error\_count: 0  
status: research param write import param save param

communication and download set

set compare check value: current check result value: 757

remote control throttle: 0.50 V  
L M H S switch  
brake reverse lock remote

calibration val cal: 1128 CLR ERR show err  
cur cal: 46 CLR DTC  
weak flux: 7  
calibration RESET

open file download  
modes: No-ops delay: 12