

MQCON bluetooth manual

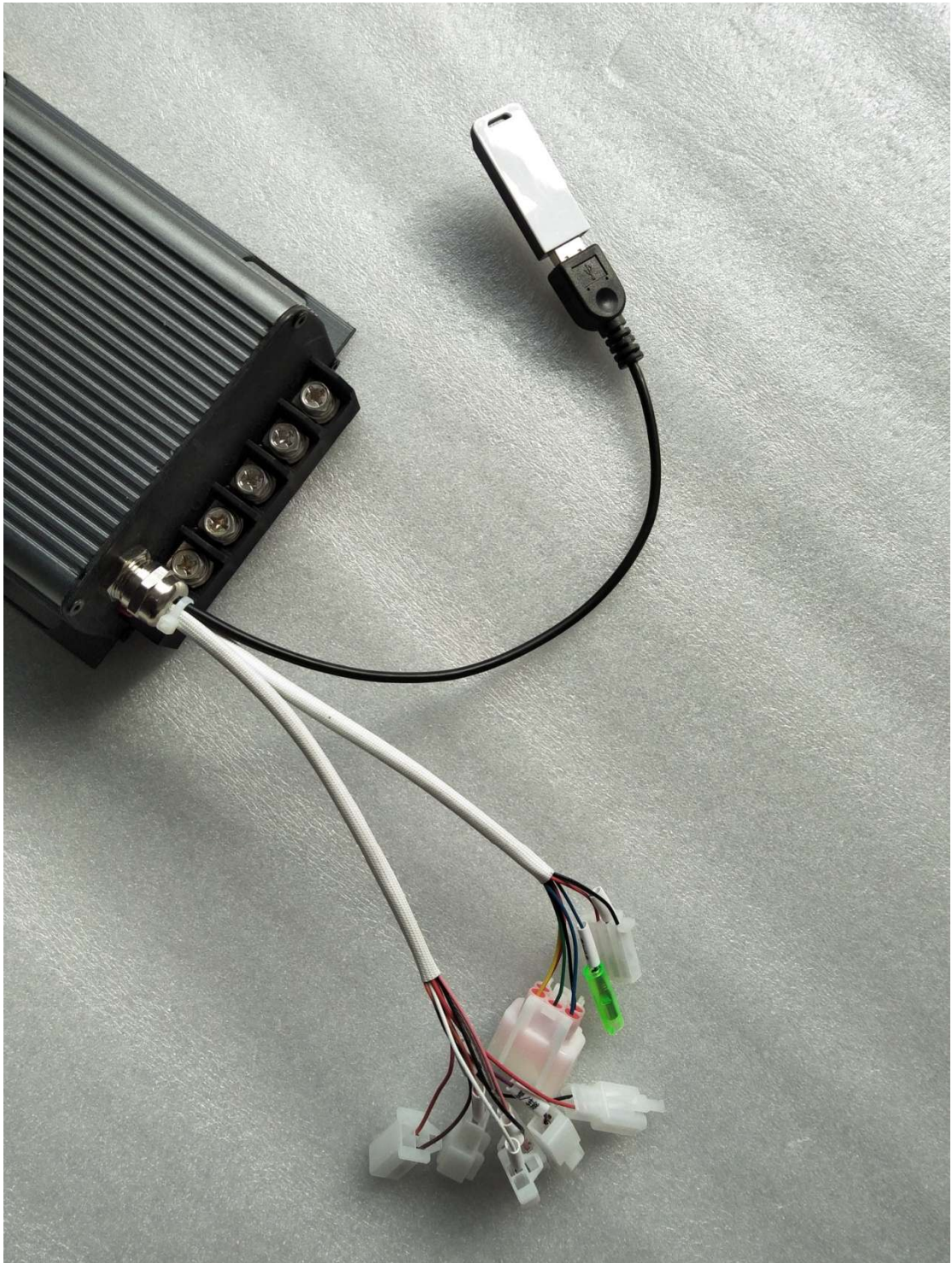


一、 Install MQCON app on your phone

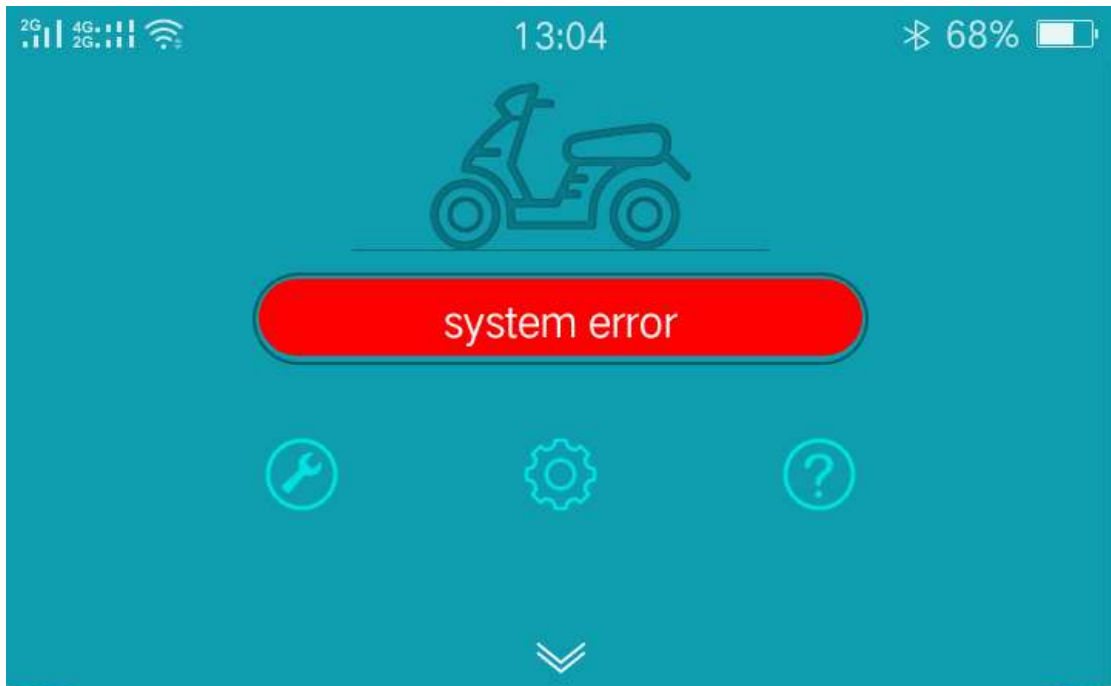
For ios ,please download the app from apple store while search"MQCON"

For andriod ,please download from www.sabvoton.com or send email to your sales to get the app.

二、 Connect the bluetooth with the controller usb port:



- 三、Power on the controller, open the bluetooth on your phone and search the instrument.
Open the MQCON app ,then you can set the parameter of the controller
- 四、The following is the pictures for the interface of the app:



Parameters

Battery voltage (V)	62.61
Motor speed (RMP)	0
Hall value	1
Throttle voltage (V)	0.02
Controller temperature (°C)	6

2G 4G 2G 13:04 68%

<

Parameters Setting



Reset

INPUT & OUTPUT

TEMPERATURE SETTING

FUNCTION

Lack voltage (V)

57

Current-limiting voltage (V)

59

Over voltage (V)

95

DC current (A)

50

Boost current (A)

50

Rated phase current (A)

80

Max phase current (A)

140

2G 4G 2G

13:04

68%

<

Parameters Setting

Reset

IT

TEMPERATURE SETTING

FUNCTION

THROTTLE

Stop output temperature (°C)

90

Recover output temperature (°C)

80

Current-limiting output temperature (°C)

70



Parameters Setting



Reset

TEMPERATURE SETTING

FUNCTION

THROTTLE

MOTOR

E-brake (A)



E-brake current (A)

30

Boost/3 speed

boost

Reverse speed limit (%)

20

Flux weaken enable



Flux weaken current (A)

50

Regen enable



2G 4G 2G 13:04 68%

<

Parameters Setting



Reset

TEMPERATURE SETTING

FUNCTION

THROTTLE

MOTOR

Throttle min voltage (V)

2.50

Throttle max voltage (V)

4.40

Accelerate (ms)

200

Decelerate (ms)

300

Throttle mid voltage (V)

2.30

Throttle mid current (A)

70



Parameters Setting



Reset

TEMPERATURE SETTING

FUNCTION

THROTTLE

MOTOR

Motor rotate direction 0

Potor poles pair 23

Speed limit mode no limit

Internal speed limit (%) 65

Low speed limit (%) 45

Mid speed limit (%) 85



Test



Motor parameter 300

Given current 0.00

Run mode Normal operation

hall test ☐

Offset angle 65

Test status default

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.