Risun-MQCON Bluetooth Manual

1. Install MQCON app on your phone

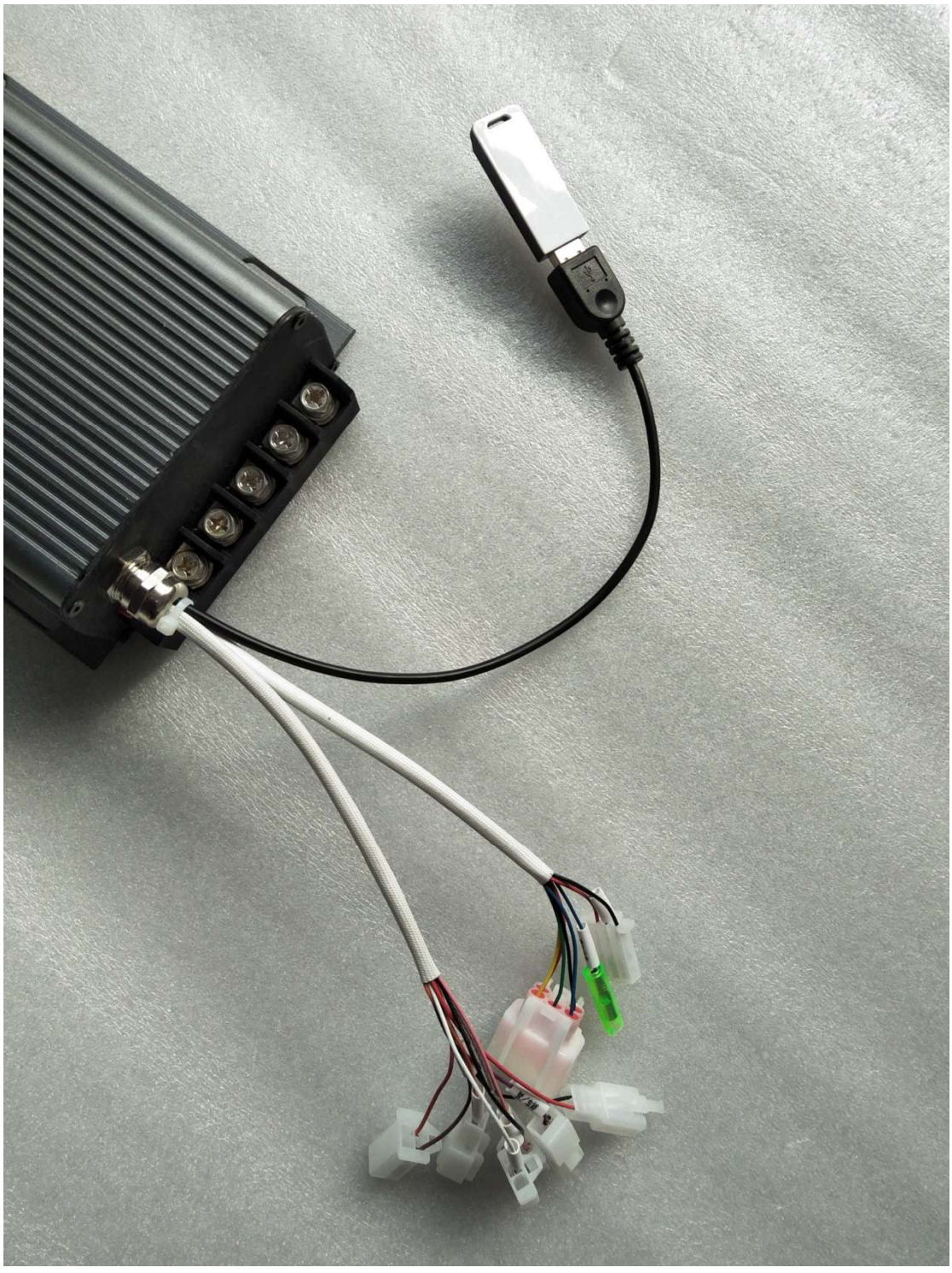
(1). For ios system, please download the app from apple store while search”MQCON”

(2). For andriod system:

(2-1). Please download the MQCON app from:
https://cdn.shopify.com/s/files/1/0040/9223/1778/files/andriod_MQCON_v1.05_release.apk?218
or ask your sales to send you the app.

(2-2). You can also scan QR code to install it:

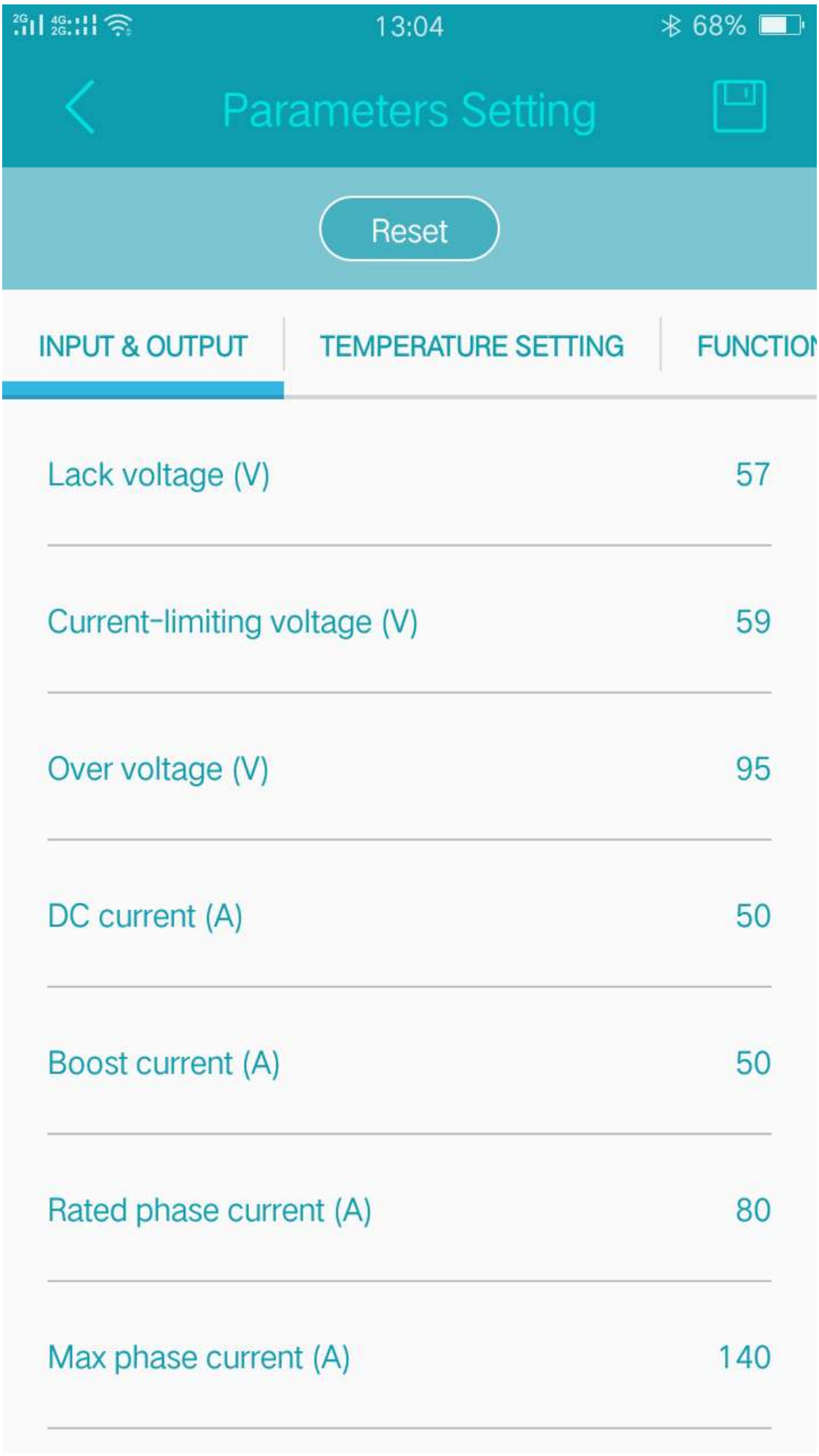
2. Connect the bluetooth with the controller usb port:

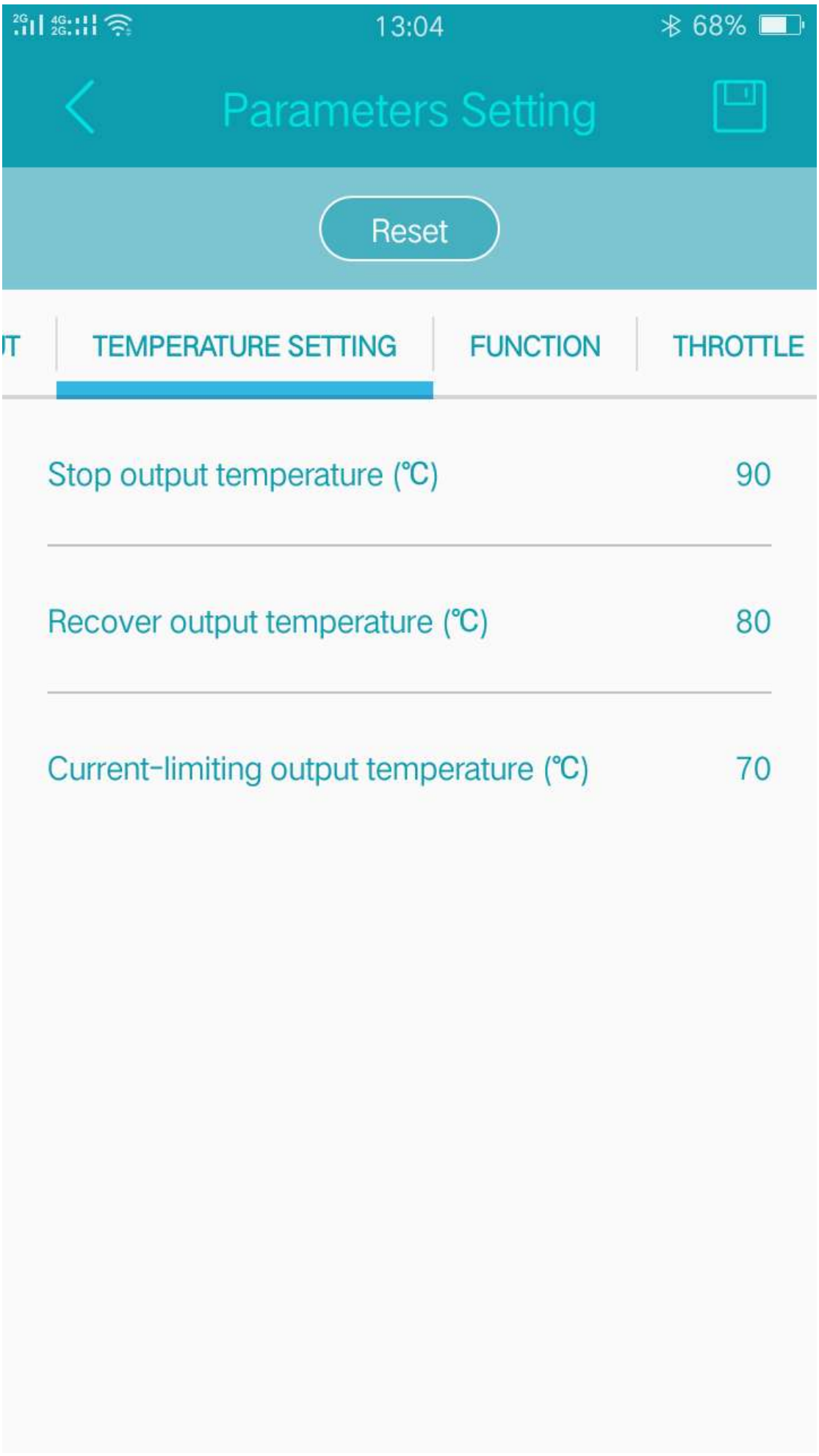


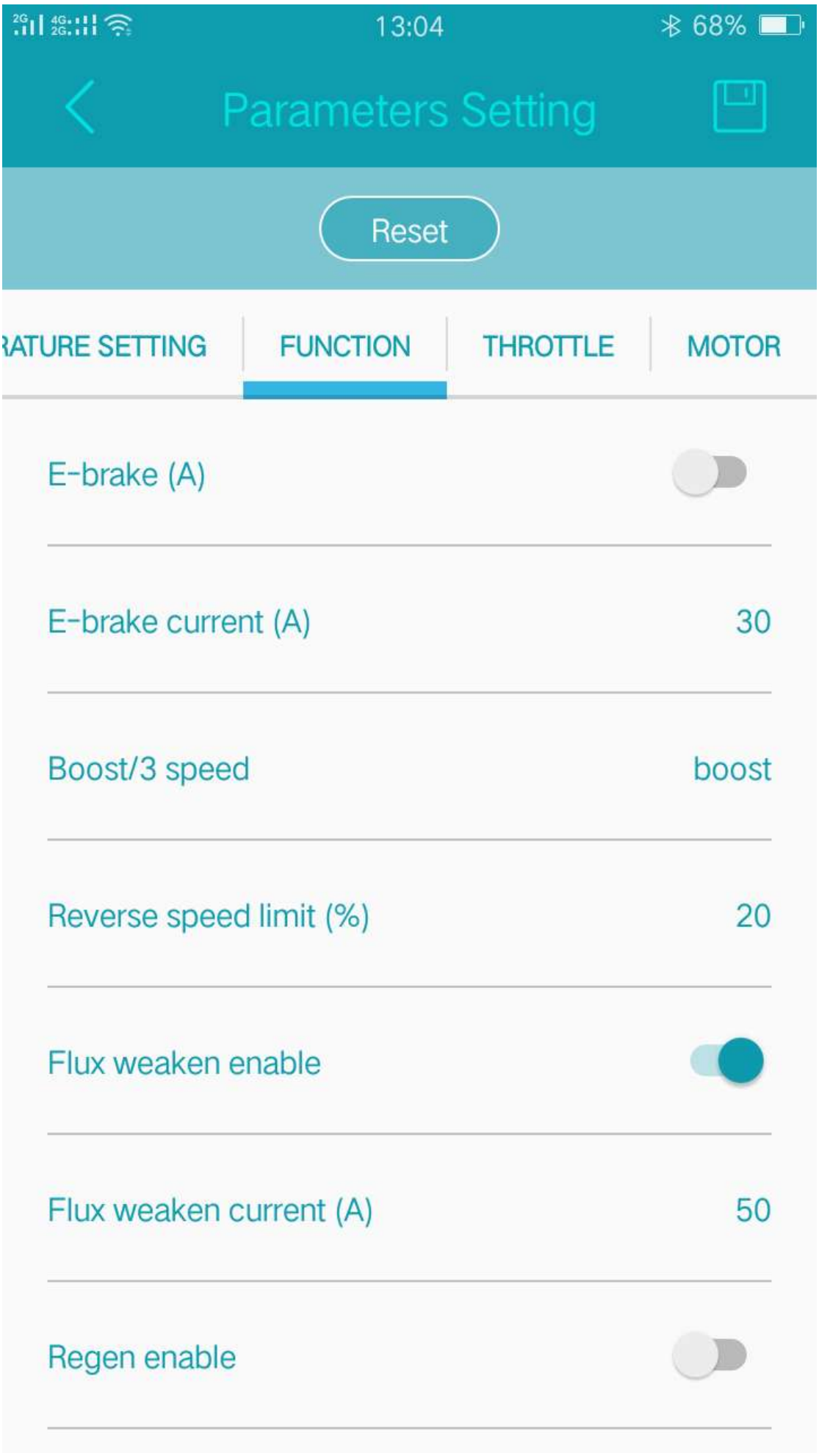
3. Power on the controller, turn on bluetooth on your phone and seach this device.
   Open the MQCON app ,then you can set the parameter of the controller
4. The following pictures are interface of the app：

Parameters

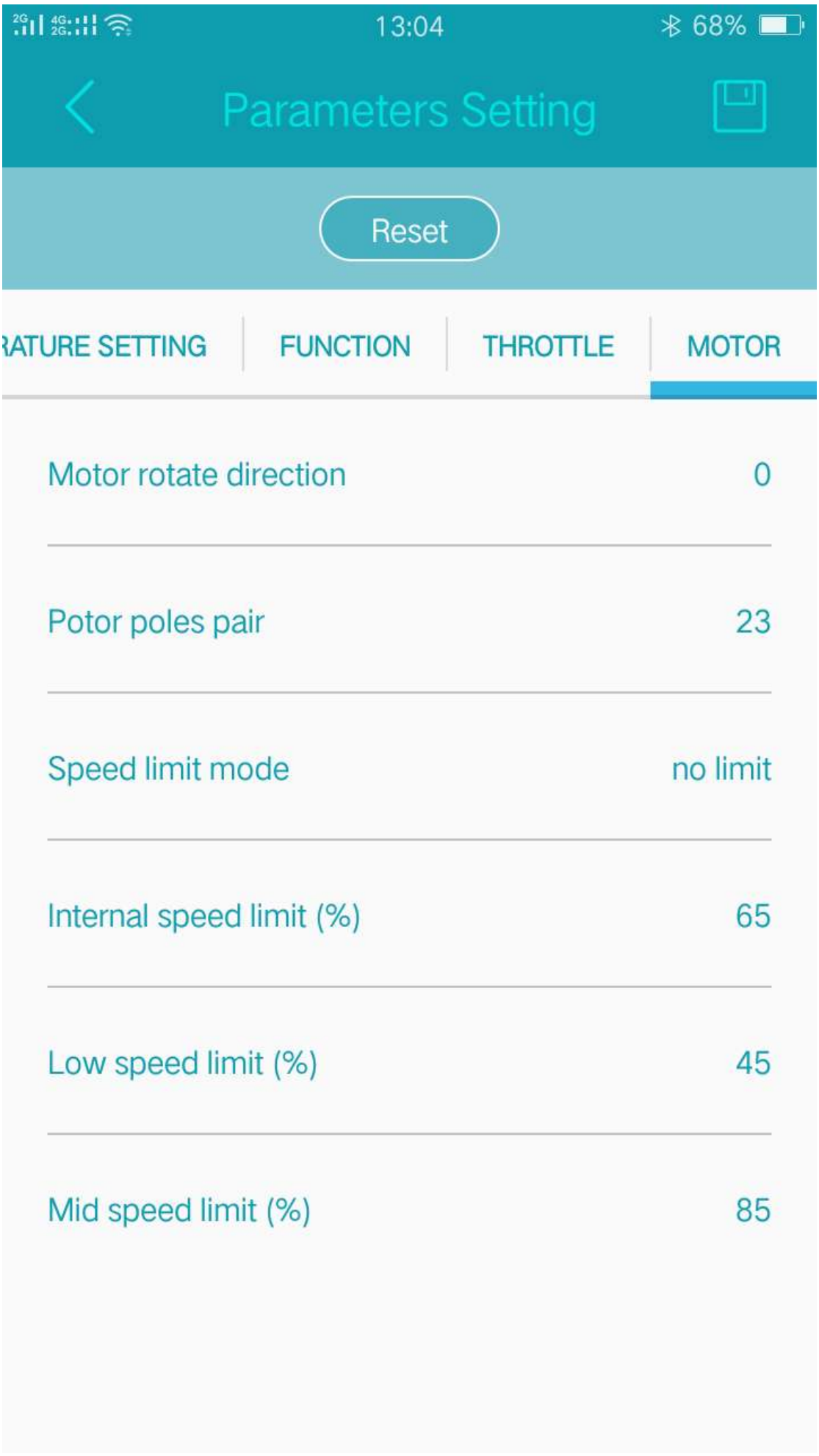
Battery voltage (V)	62.61
Motor speed (RMP)	0
Hall value	1
Throttle voltage (V)	0.02
Controller temperature (℃)	6

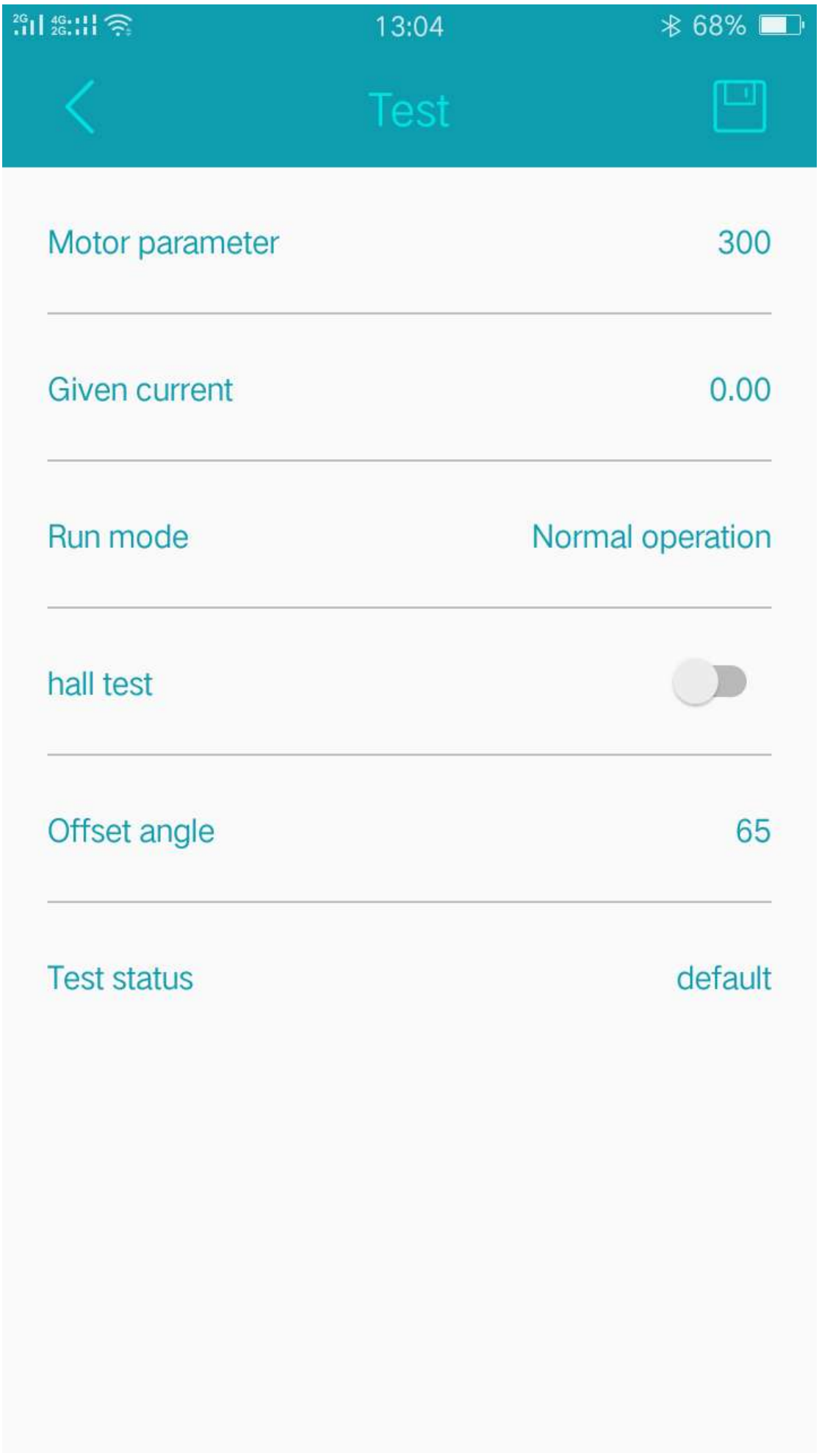

13:04
68%
Parameters Setting
Reset
INPUT & OUTPUT
TEMPERATURE SETTING
FUNCTION
Lack voltage (V) 57
Current-limiting voltage (V) 59
Over voltage (V) 95
DC current (A) 50
Boost current (A) 50
Rated phase current (A) 80
Max phase current (A) 140


13:04
68%
Parameters Setting
Reset
IT
TEMPERATURE SETTING
FUNCTION
THROTTLE
Stop output temperature (℃)
90
Recover output temperature (℃)
80
Current-limiting output temperature (℃)
70


13:04
68%
Parameters Setting
Reset
RATURE 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


13:04
68%
Parameters Setting
Reset
RATURE 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


13:04
68%
Parameters Setting
Reset
RATURE 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


13:04
68%
Test
Motor parameter
300
Given current
0.00
Run mode
Normal operation
hall test
Offset angle
65
Test status
default