

## **Specifications:Bluetooth model**

Model:S1B

Material: ABS + PC

Measuring voltage: AC85-265V

Measuring current: 0-10A Max16A(3680W)

Internal Include Relay: 10A(2650W)

Power: MAX 3680W

Energy Measurement range:0 ~ 99999kWh

Accuracy: +1%

Wireless consumption: <0.3W

frequency: 50 / 60HZ

Power factor: 0-1.00PF

Working temperature: -10°C ~ +60°C degree

Working humidity: <80%

Security Type: WEP64 / WEP128 / TKIP / CCMP (AES)

Dimensions: 133X76X73mm

Weight: 160g

Screen Type:2.4inch TFT-LCD HD Display Panel Graphic 240'RGB'320 Dot-matrix

Date function: month/day

\*Remote control

\*Timer function Socket

\*Countdown function

\*Over current Protection

\*Over voltage protection

\*Over Power protection

\*Set the electricity unit price function/accumulate electricity bills

\*Cycle timing function

Energy Saving: Ideal for lighting and other devices with adjustable on / off functions, turn on / off according to your specified time.

# Mobile APP interface function introduction

Install mobile APP (IOS 7.0 and above Android 5.0 and above) software, Use the mobile phone Bluetooth function to wirelessly connect the product, read this device Achieve more measurement and control details data, leaving measurement technology without boundaries!

**Data export**

**Software version number and company information**

**Click Chinese / English switch**

**Product model or E-test name**

**Voltage/Current/Power curve selection**

**Capacity(Ah)  
Electricity(Wh)  
Timing clear Zero**

**Function to be determined**

**Function to be determined**

**Interface switching(Previous/Next page)**

**Select the bluetooth symbol ending with \_BLE or \_SPP to connect**

**Click the bluetooth symbol to connect**

**AC/DC/USB three types**

**Data curve area/ zoomable with finger**

**Measurement parameter display area**

**etest.xls**

	A	B	C
1	时间	电压	电流
2	11.02.23	5.2	0.07
3	11.02.24	5.2	0.07
4	11.02.25	5.2	0.07
5	11.02.26	5.2	0.07
6	11.02.27	5.2	0.07
7	11.02.28	5.2	0.07
8	11.02.29	5.2	0.07
9	11.02.30	5.2	0.07
10	11.02.31	5.2	0.07
11	11.02.32	5.2	0.07
12	11.02.33	5.2	0.07
13	11.02.34	5.2	0.07
14	11.02.35	5.2	0.07
15	11.02.36	5.2	0.07

Bluetooth pairing screen content:

```

AT4PBW_BLE
6727DCC8-274-D748-F94B-CFD66D...

UC96_BLE
1F69261C-C758-8CAD-99FE-1A4CF6...

JL24WB_BLE
1AAB88B3-F7CE-602B-14AA-F6332F...

JL24WB_BLE
8659F30C-86C1-0077-4ED1-37C8CA...

CANCEL
    
```

Main screen data:

```

E-test
AC DC USB UD18-SPP
Voltage current power curve
6.3V 3.2A
5.3V 2.6A
4.2V 2.1A
3.2V 1.6A
2.1V 1.1A
1.1V 0.5A
0.0V 0.0A
10:19:14 10:19:22 10:19:31 10:19:39 10:19:48 10:19:57
Voltage Current Power
Voltage: 05.27V
Current: 02.05A
Power: 0010.80W
Capacity: 00040mAh
Electricity: 0000.20Wh
USB_D + : 0.08V
USB_D - : 0.08V
Time record: 000:01:15
Internal temperature: 27°C/80.6°F
    
```

## Startup screen



Long press the "-" or "+" button to enter the electricity bill setting interface, click the "M" button to set the Price value, so as to realize the electricity bill calculation!

BLE_ Electrical Power Monitor		● <input checked="" type="checkbox"/> ON
Vol : 0233.24 <sub>v</sub>	Price	001.00
Cur : 000.134 <sub>A</sub>	Cost	0.0340
Pwr : 0017.15 <sub>w</sub>	Co2	0.034 Kg
Ene : 0.03395 <sub>kwh</sub>	CPU temp: 33°C	
Fre : 0049.89 <sub>HZ</sub>		
Factor : 0.55 <sub>PF</sub>		
Run Time: 0000:07:25		

## Security protection window

Long press the "-" or "+" key to enter the security protection setting interface, click the "M" key to set the overvoltage protection value, overcurrent protection value, and overpower protection value, by clicking "-" or "+" key to adjust the protection value you need to set, press the "M" key to confirm, once the value you set is triggered, it will play a protective role, thus achieving power-off protection!



## Smart power off Protection A

Long press the "-" or "+" button to enter the intelligent power-off protection class A interface, click the "M" button, you can set less than the power value (0-999W), and the duration (01-99 minutes can be set), The switch needs to be adjusted to AUTO to start the work, and then intelligently power off according to the power value and time you set!



## Smart power off Protection B

Long press the "-" or "+" button to enter the intelligent power-off protection class B interface, click the "M" button to set the high power value (0-3680W), and the duration (01-99 hours can be set), The switch needs to be adjusted to AUTO to start the work, and then intelligently power off according to the power value and time you set!



## Timed power supply function

Long press the "-" or "+" button to enter the timing power supply interface, click the "M" button to set the time (00:00–99:60 hours/minute), set the switch to AUTO, the device will be set by you time, automatically stop working!

<b>Timming_PowerSupply</b> ●  AUTO	
Vol : <b>0233.24</b> v	<b>TSET</b>
Cur : <b>000.134</b> A	<b>03:00</b>
Pwr : <b>0017.15</b> w	<b>CDown</b>
Ene : <b>0.03395</b> kwh	<b>02:59:59</b>
Fre : <b>0049.89</b> HZ	
Factor : <b>0.55</b> PF	
Run Time: 0000:07:25	CPU temp: 33°C

## Cycle timing function

Long press the "-" or "+" button to enter the cycle timing function interface, click the "M" button, you can set the device startup time (00:00–99:60 hours/minute), and the device shutdown time (00:00–99:60 hours/minute), the switch needs to turn on AUTO, and the device will work cyclically according to the time you set!

<b>Timming_Cycle</b> ●  AUTO	
Vol : <b>0233.24</b> v	<b>ON</b>
Cur : <b>000.134</b> A	<b>03:00</b>
Pwr : <b>0017.15</b> w	<b>OFF</b>
Ene : <b>0.03395</b> kwh	<b>00:01</b>
Fre : <b>0049.89</b> HZ	<b>ONtime</b>
Factor : <b>0.55</b> PF	<b>00:00:59</b>
Run Time: 0000:07:25	CPU temp: 33°C

## Countdown timing function

Long press the "-" or "+" button to enter the countdown time function interface, click the "M" button, you can set the device normally open time (00:00–99:60 hours/min), the device normally closed time (00: 00–99:60 hours/minutes), the switch needs to turn on AUTO, the device will count down according to the time you set!

# Product background settings

Operation method: long press the M key to enter the background settings

ATORCH S1WP Menu V1.00	Version number, if upgraded, it will be upgraded to V1.0X
01.中文 English	Switch between Chinese and English
02. Display Brightness : 9	Backlight brightness: 1-9 levels
03. Standby Brightness : 1	When the number is 0, the screen will turn off
04. Enter standby time : 03S	Standby time: 03-99 seconds
05. Key Beep ON	Sound OFF or ON
06. Price Mode Price-A	A B C Three electricity price models are optional
07. Over -Voltage :0265.00 V	Overvoltage protection
08. Over -Current :0010.00 A	Overcurrent Protection
09. Over-Power:3000 W	Overpower protection
10. Swi tching Mode :Controlled	Socket can be controlled switch or normally open
11. Data Zero	Data clear zero
12. Wi-Fi Device Reset	Wi-Fi data reset
13. System All Default Settings	System reset to factory settings
14. Screen rotation	Screen Rotation
15. Standby Screen:Measurement	Will display the large font interface
16. Over-Volt recovery delay time: 01 min	After overvoltage, the voltage returns to normal delay opening setting
17. Device Power-up switch staus:Memory	Power-on memory OFF or ON

(Kind tips)

1. This background is for reference only. If the version number changes, some functions will also change. Please refer to the actual product for details.
2. The background of the WIFI version and the Bluetooth version is almost the same, please refer to the actual product received