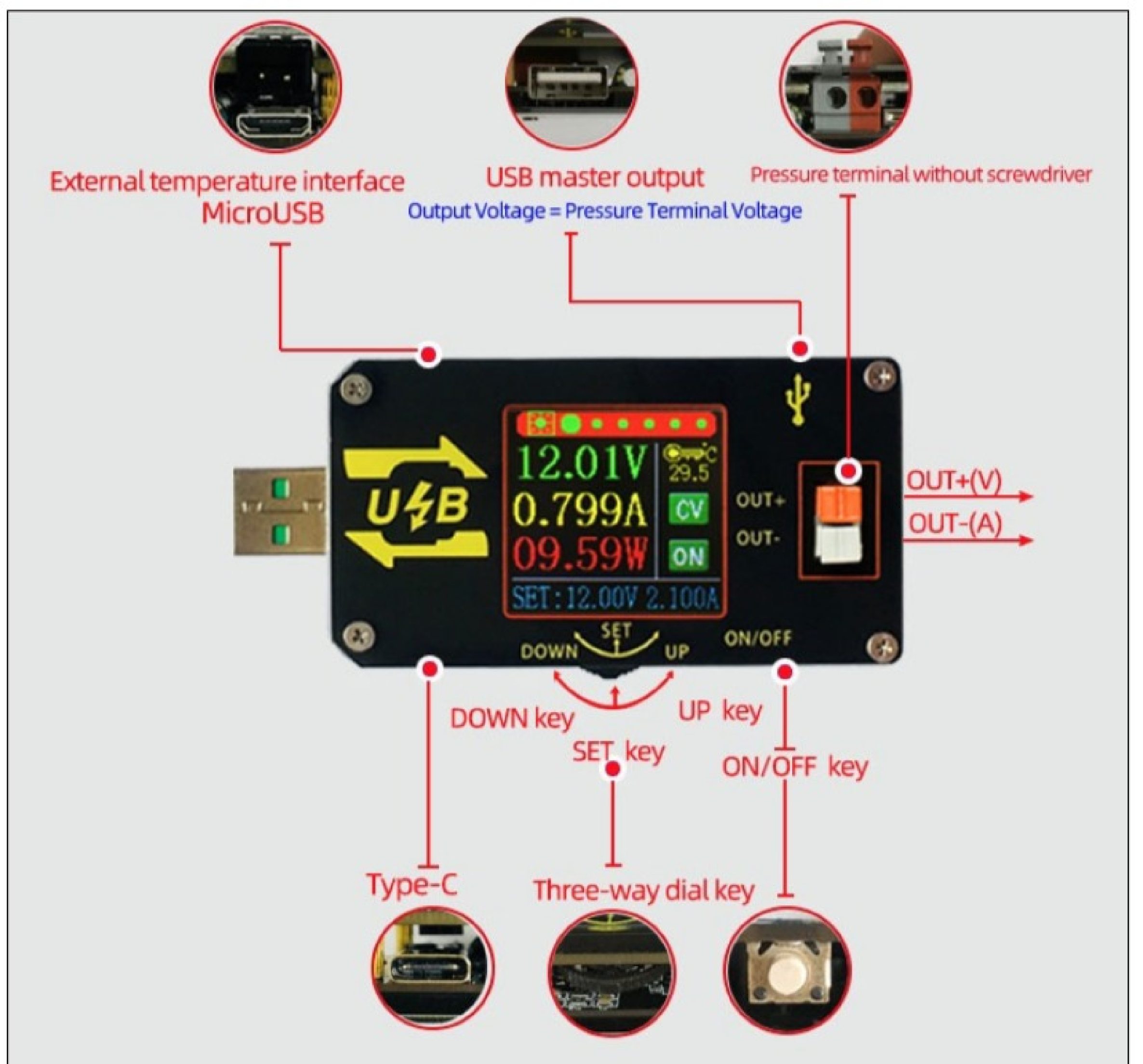
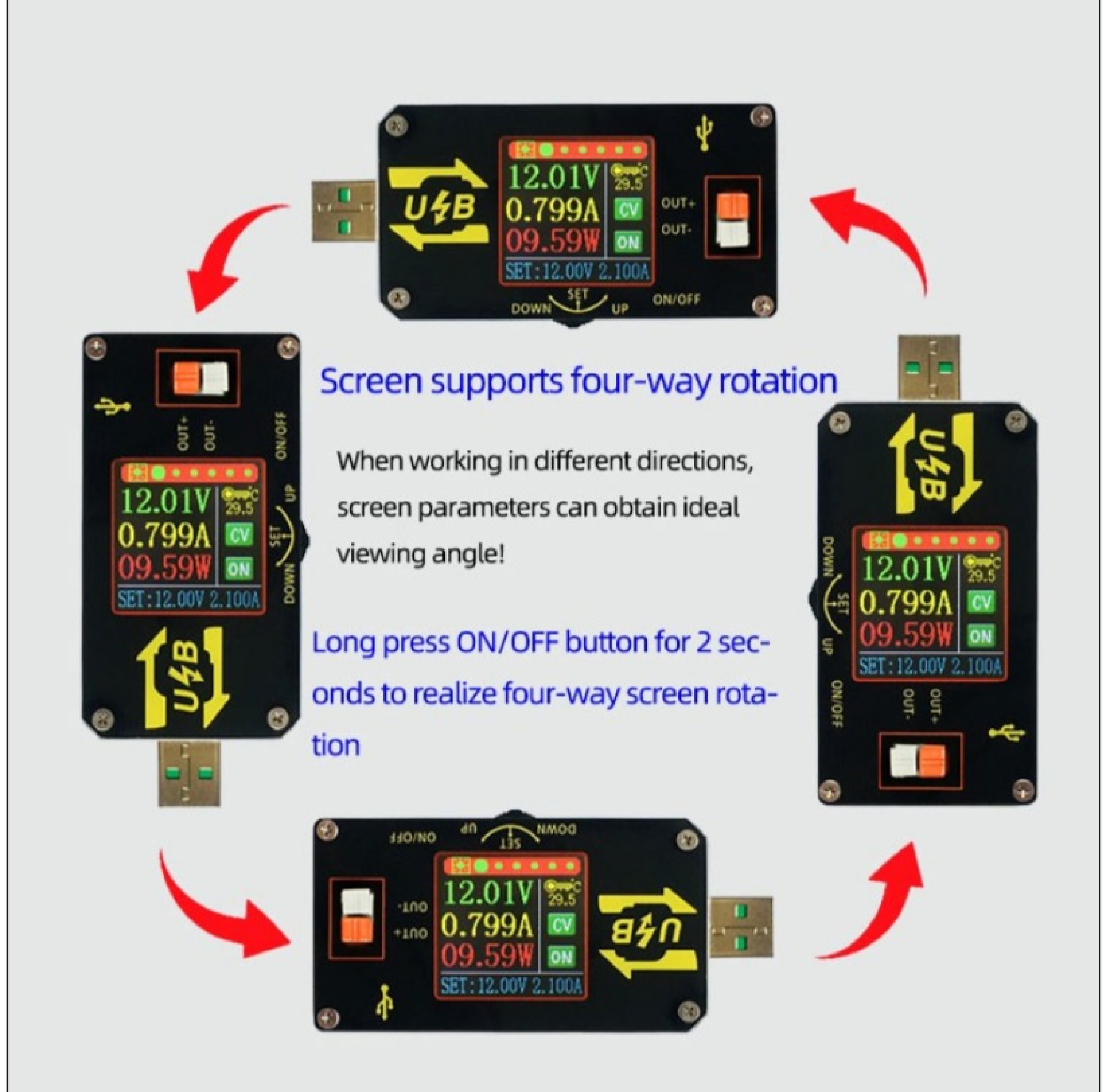

External temperature interface MicroUSB
USB master output
Output Voltage = Pressure Terminal Voltage
Pressure terminal without screwdriver
OUT+(V)
OUT-(A)
DOWN key
UP key
SET key
ON/OFF key
Type-C
Three-way dial key
12.01V
0.799A
09.59W
SET:12.00V 2.100A
CV
ON



Screen supports four-way rotation

When working in different directions, screen parameters can obtain ideal viewing angle!

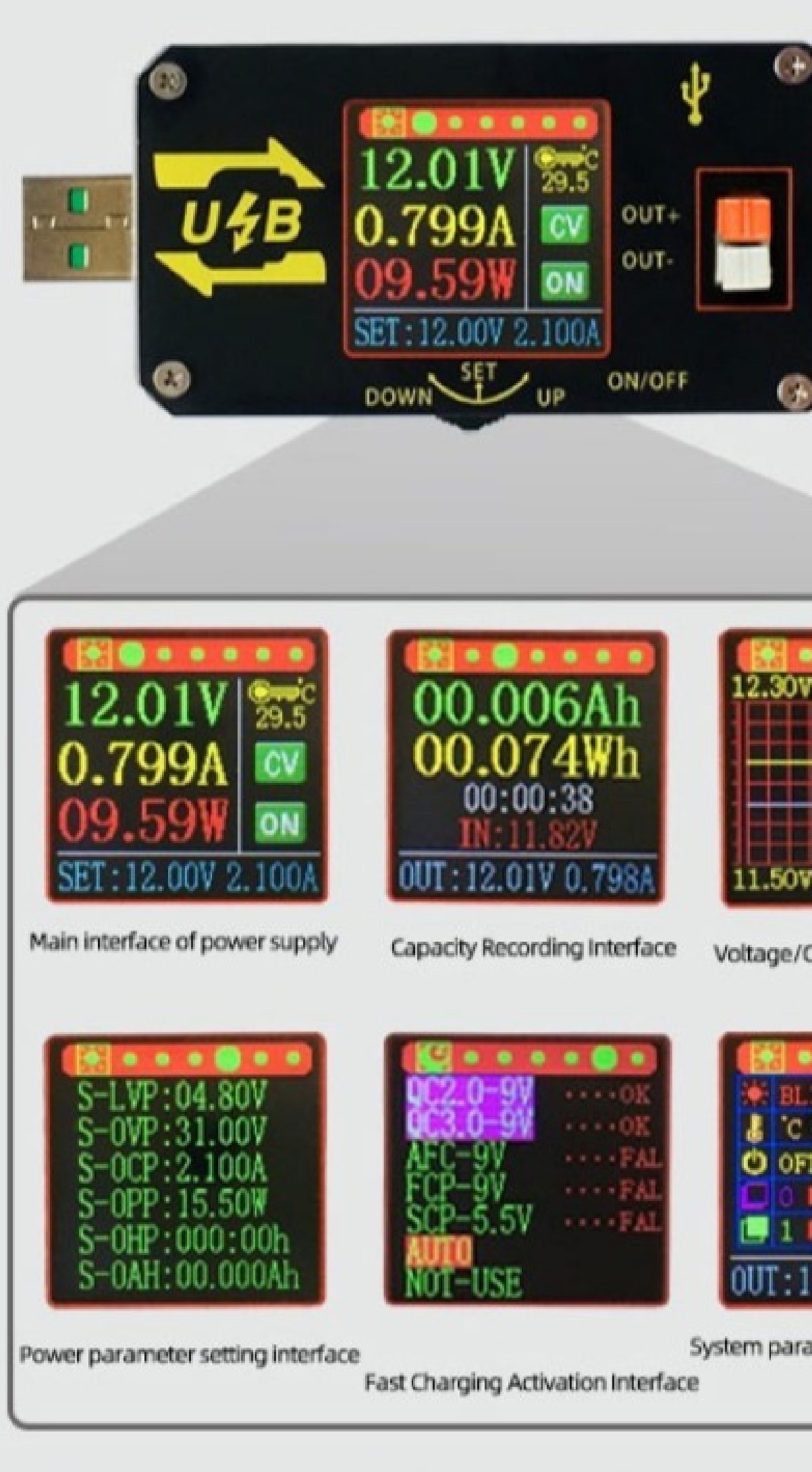
Long press ON/OFF button for 2 seconds to realize four-way screen rotation

High Precision Digital Control USB Boost-and-Drop Power Supply/Constant Voltage and Constant Current

There is a nearly perfect protection mechanism:

Hardware protection: Output short circuit protection, short connection without burning, output anti-backfilling, can directly charge the rechargeable battery, without additional anti-backfilling diode

Software protection: Overvoltage Protection (OVP) Overcurrent Protection (OCP), Overpower Protection (OPP), Overtemperature Protection (OTP), Input Undervoltage Protection (LVP) Power Chip Self-Protection (OEP)


12.01V
0.799A
09.59W
SET:12.00V 2.100A
00.006Ah
00.074Wh
00:00:38
IN:11.82V
OUT:12.01V 0.798A
S-LVP:04.80V
S-OVP:31.00V
S-OCP:2.100A
S-OPP:15.50W
S-OHP:000:00h
S-OAH:00.000Ah
QC2.0-5V
QC3.0-5V
AFC-9V
FCP-9V
SCP-5.5V
AUTO
NOT-USE
BL2 SLEEP:0
OUT:11.99V 0.798A

Main interface of power supply

Capacity Recording Interface

Voltage/Current Curve Interface

Power parameter setting interface

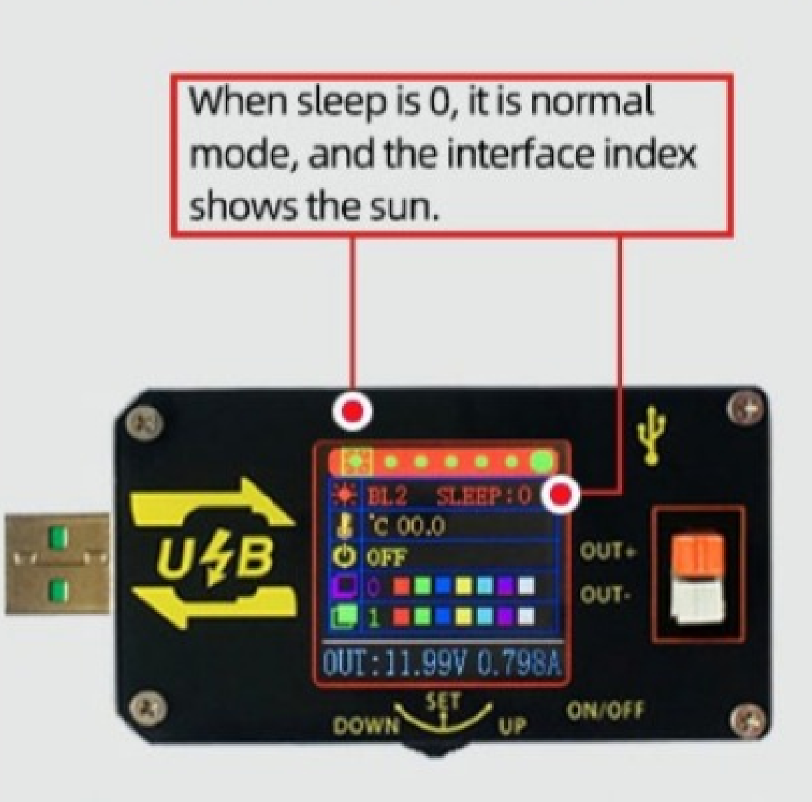
Fast Charging Activation Interface

System parameter setting interface

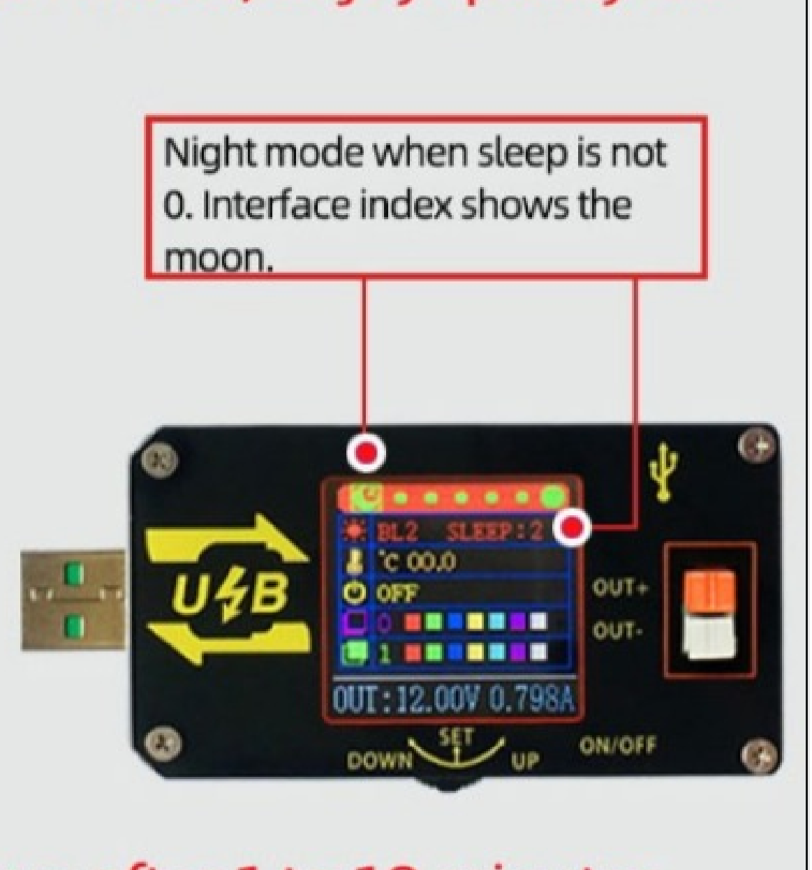
Product parameters

Input voltage:	DC3.5~15V (Extreme Low Voltage 3.0V, Extreme High Voltage 16V)
Output voltage:	DC0.60V~30.00V
Output current:	0.000A~2.000A
Output power:	15W
Voltage resolution:	0.01V
Current resolution:	0.001A
Voltage accuracy:	±0.3%+1个 byte
Current accuracy:	±0.5%+3个 bytes
Capacity:	0-999999AH
Energy:	0-999999WH
Time:	0-1000 hours

Features: Night breath screen mode, enjoy quality life



When sleep is 0, it is normal mode, and the interface index shows the sun.



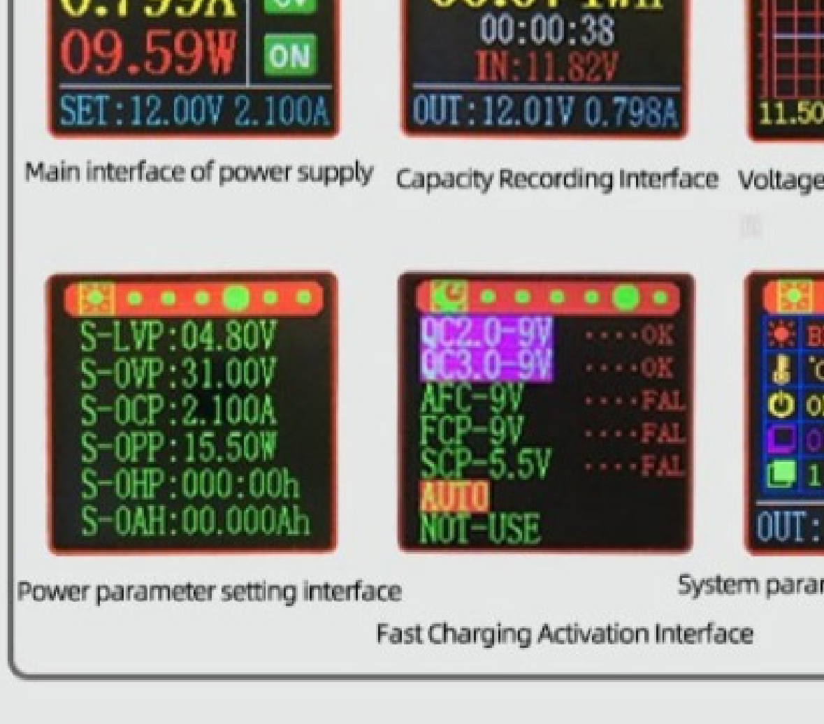
Night mode when sleep is not 0. Interface index shows the moon.

Sleep can be set to shut down after 1 to 10 minutes and wake up by any key.

High-definition display dazzling interface clear and intuitive

Using 1.44 inch LCD high-definition LCD display, multi-angle conversion, function at a glance, 160 degree wide angle of view, high brightness, long working life, so that you can enjoy the bright and delicate color, natural display screen from any angle.

High Precision Digital Control USB Boost-and-Drop Power Supply/Constant Voltage and Constant Current



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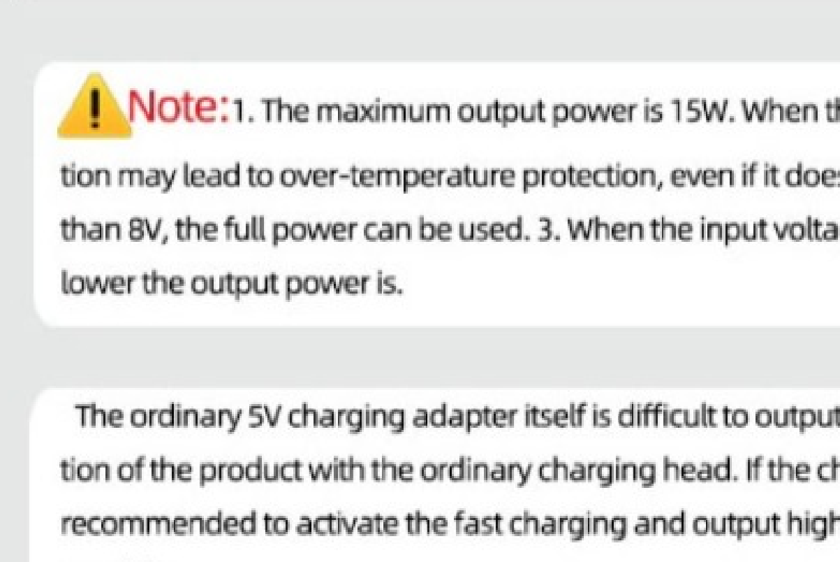

Main interface of power supply

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Voltage resolution:	0.01V
Current resolution:	0.001A
Voltage accuracy:	±0.3%+1个 byte
Current accuracy:	±0.5%+3个 bytes
Capacity:	0-999999AH
Energy:	0-999999WH
Time:	0-1000 hours

⚠Note: 1. The maximum output power is 15W. When the input current is greater than 3A, long-term operation may lead to over-temperature protection, even if it does not reach 15W. 2. When the input voltage is higher than 8V, the full power can be used. 3. When the input voltage is lower than 5V, the lower the input voltage is, the lower the output power is.

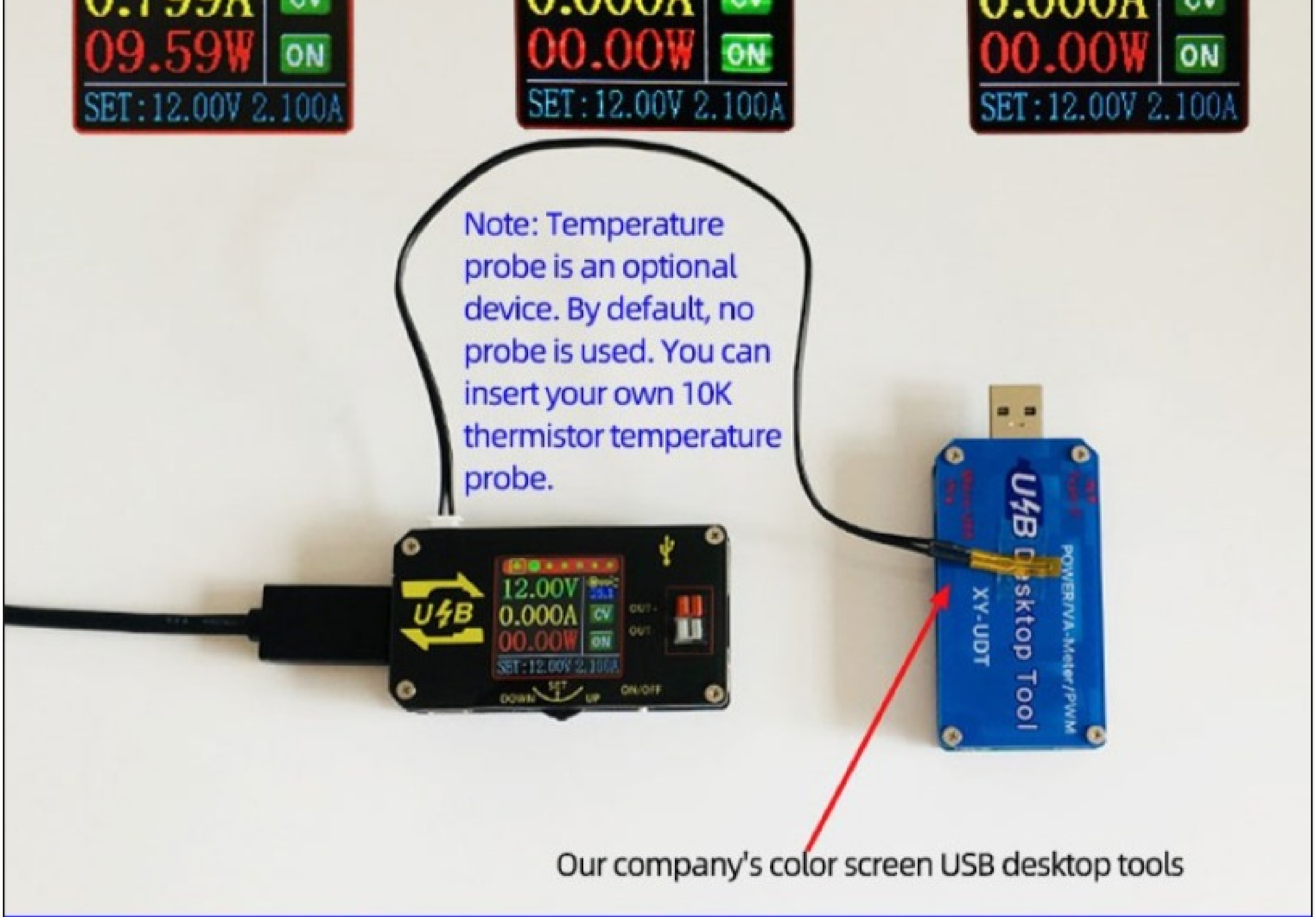
The ordinary 5V charging adapter itself is difficult to output 15W power, so don't expect the full power operation of the product with the ordinary charging head. If the charging head supports the fast charging function, it is recommended to activate the fast charging and output high voltage, so that the full power operation can be possible.

This product supports QC2.0/QC3.0, Huawei FCP/SCP Samsung AFC.

This product has soft start, no impact on load when starting.

Measurable ambient temperature and surface temperature of external objects. Free switching between Celsius and Fahrenheit

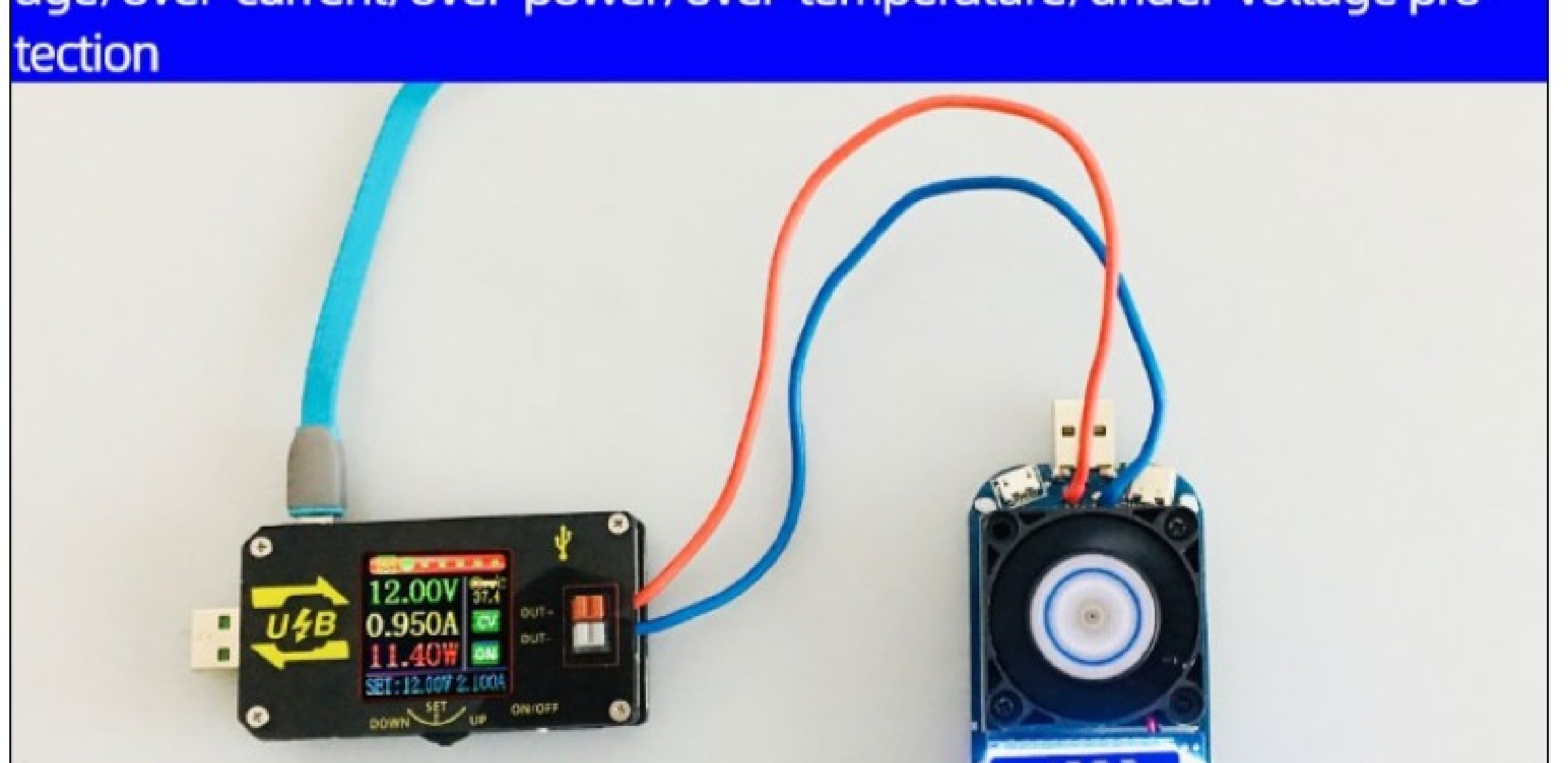
When inserting external temperature timing, it will automatically switch to external temperature measurement temperature will be anti-blue display.


12.01V
0.799A
09.59W
29.5
12.00V
0.000A
00.00W
80.7
12.01V
0.000A
00.00W
25.0
SET:12.00V 2.100A
Desktop Tool
XY-UDT

Note: Temperature probe is an optional device. By default, no probe is used. You can insert your own 10K thermistor temperature probe.

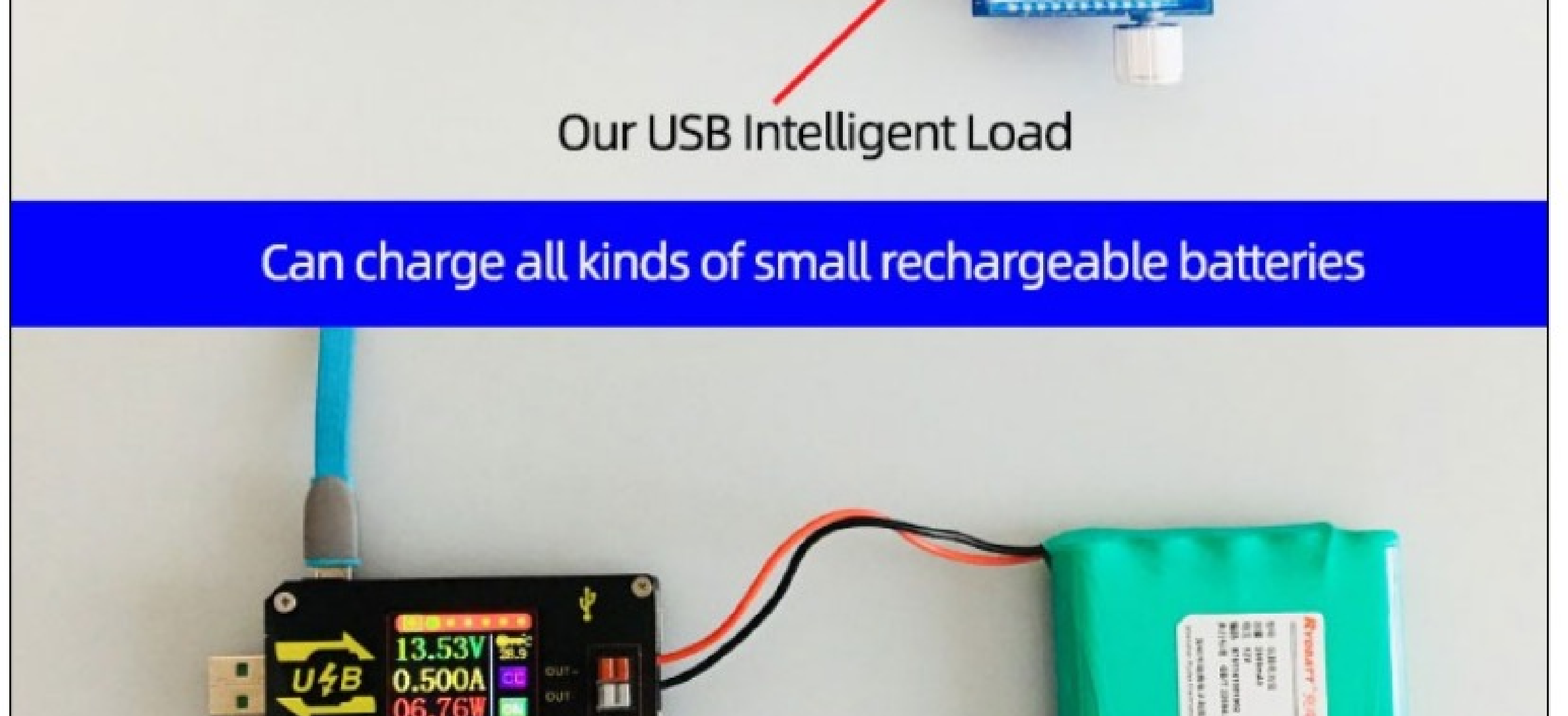
Our company's color screen USB desktop tools

Used as a general boost-drop power supply with over-voltage/over-current/over-power/over-temperature/under-voltage protection


12.00V
0.950A
11.40W
12.02V
0.96A

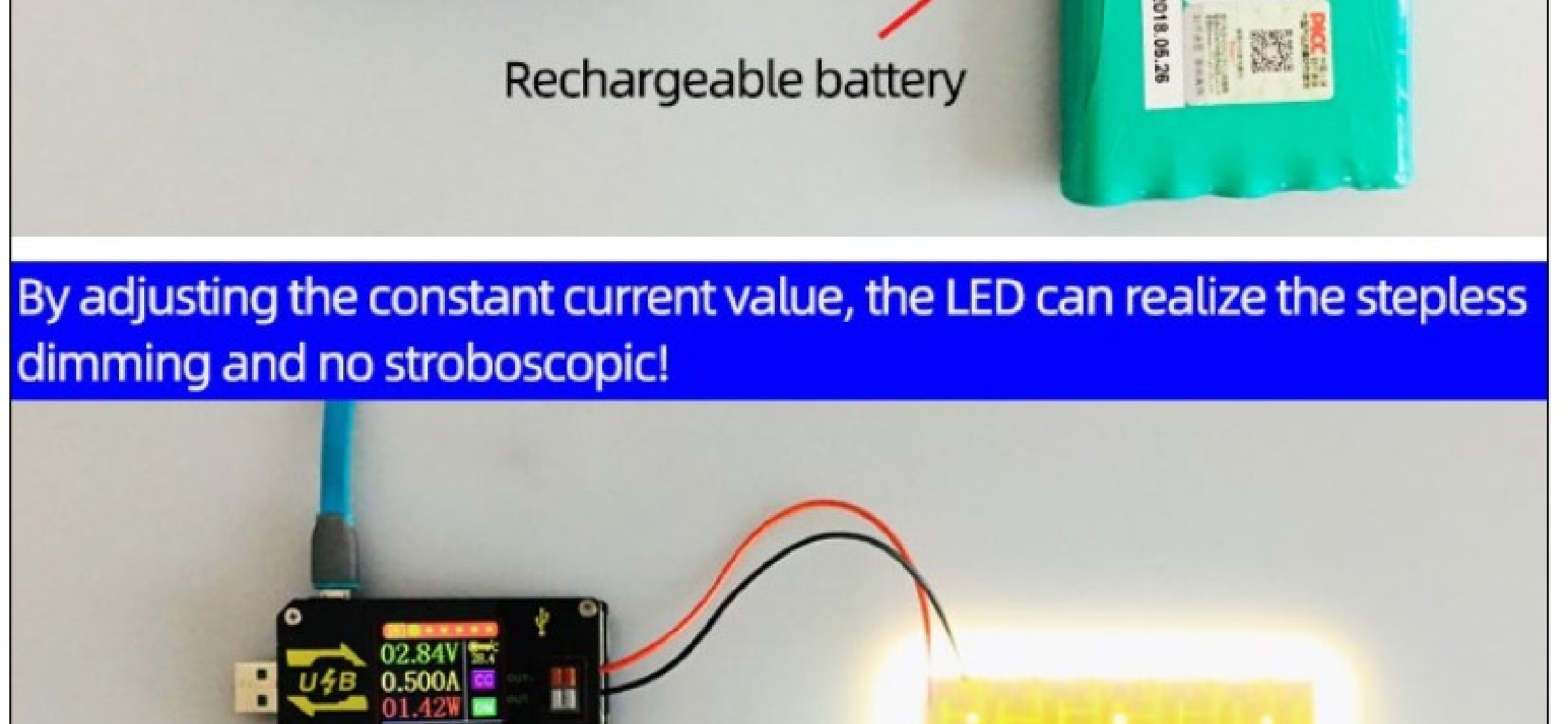
Our USB Intelligent Load

Can charge all kinds of small rechargeable batteries

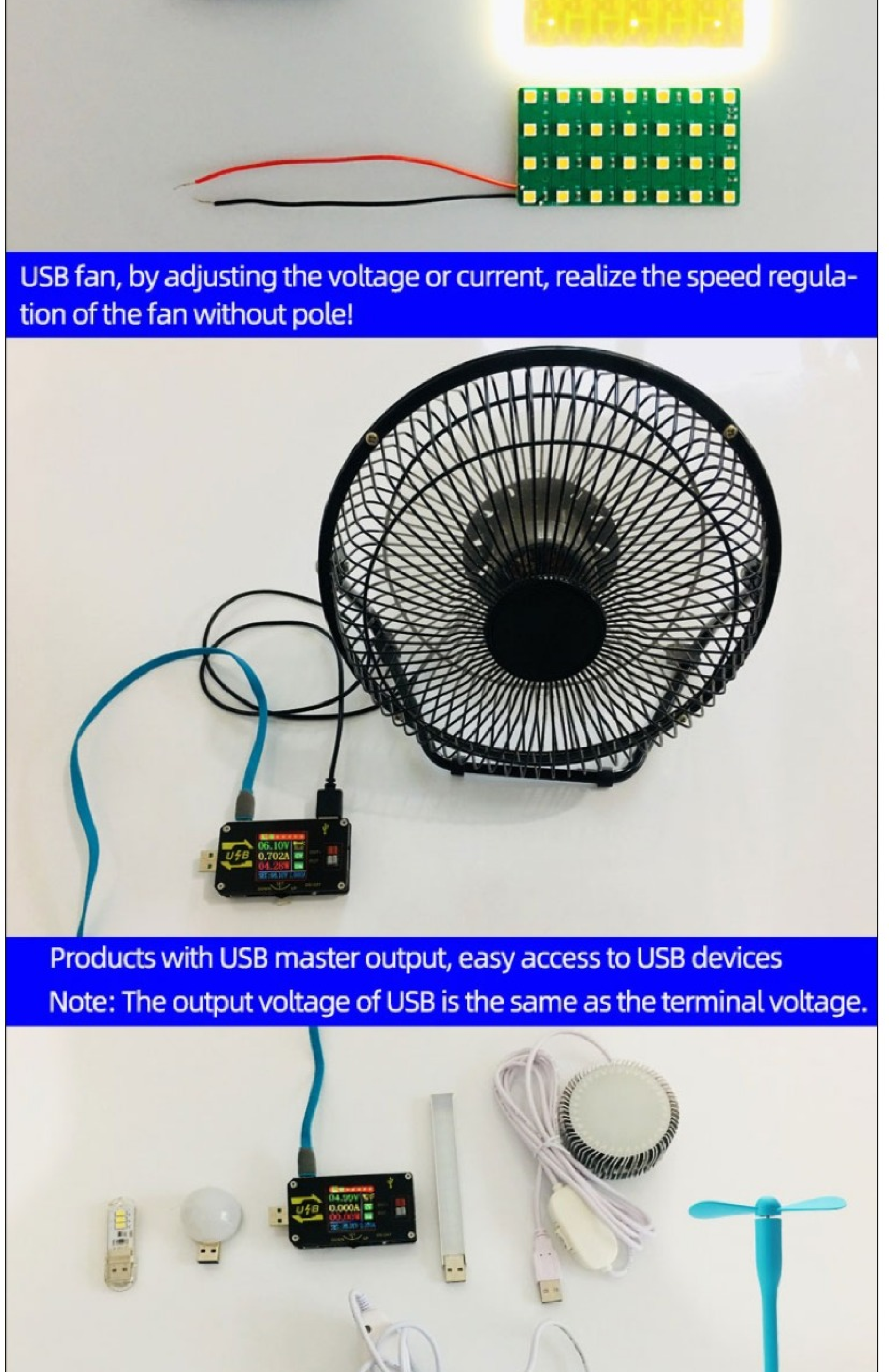

13.53V
0.500A
06.76W

Rechargeable battery

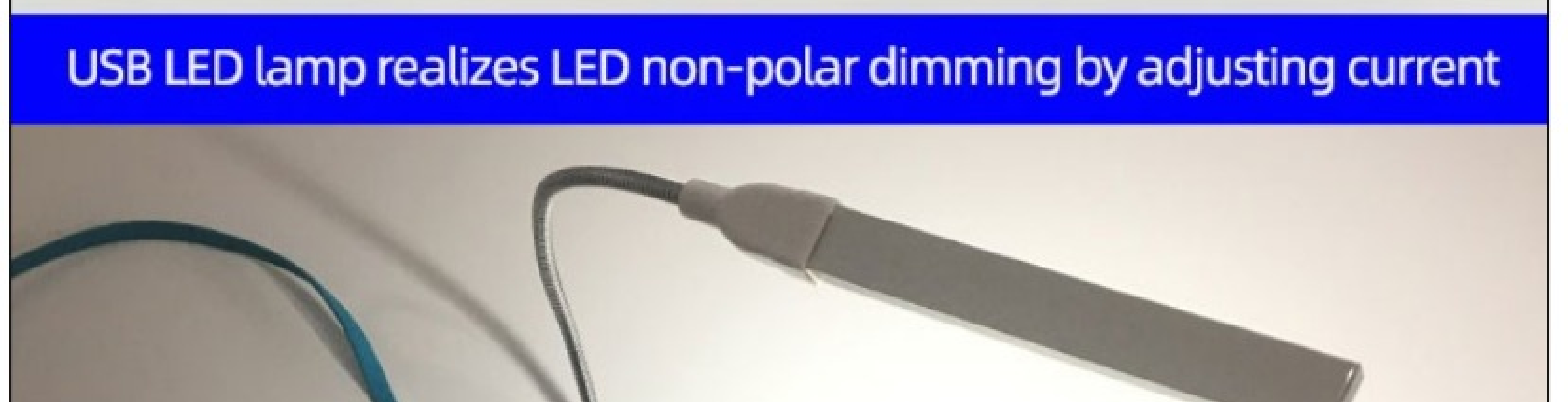
By adjusting the constant current value, the LED can realize the stepless dimming and no stroboscopic!


02.84V
0.500A
01.42W

USB fan, by adjusting the voltage or current, realize the speed regulation of the fan without pole!

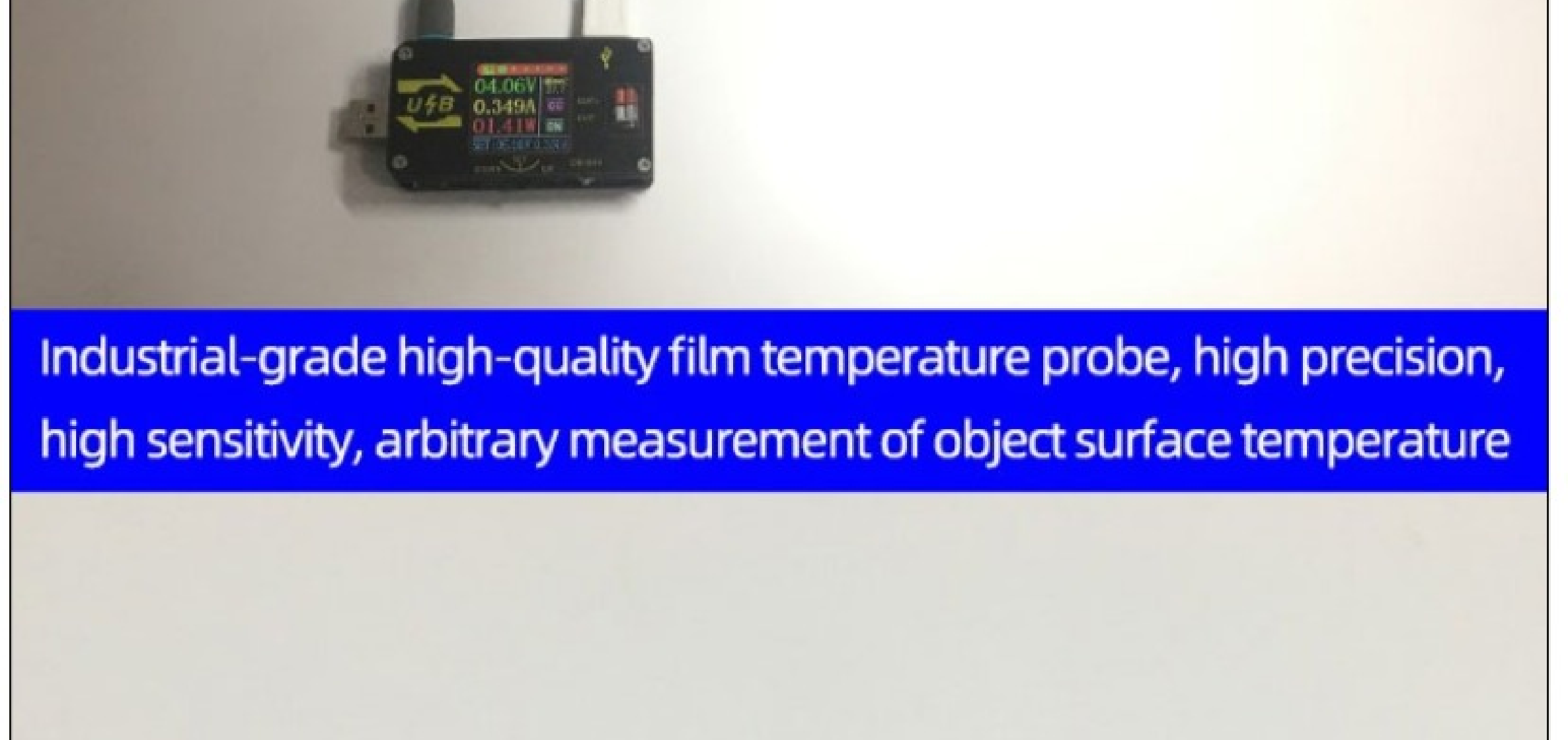

06.10V
0.702A
04.28W

Products with USB master output, easy access to USB devices
Note: The output voltage of USB is the same as the terminal voltage.

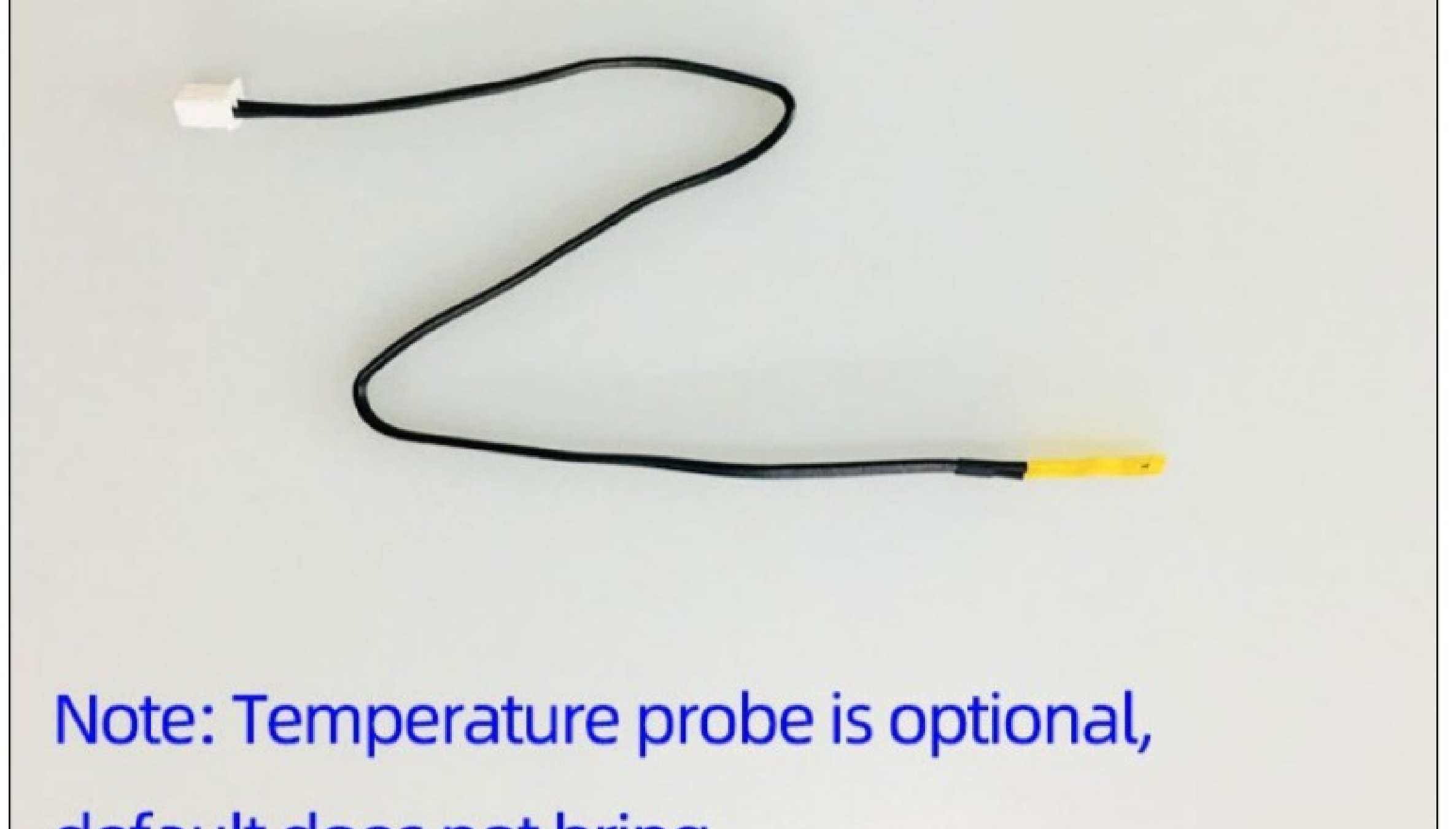

S-LVP:04.80V
S-OVP:31.00V
S-OCP:2.100A
S-OPP:15.50W
S-OHP:000:00h
S-OAH:00.000Ah
Maximum runtime
BL2 SLEEP:2
°C 00.0
OFF
OUT:12.00V 0.798A
Night mode
Setting the screen time

Application Scenario: Set the maximum running time of OHP at night, turn off the output automatically, set sleep, time to the automatic screen, enjoy the quality of life.

USB LED lamp realizes LED non-polar dimming by adjusting current



Industrial-grade high-quality film temperature probe, high precision, high sensitivity, arbitrary measurement of object surface temperature



Note: Temperature probe is optional, default does not bring.

Subject color can be freely matched

Foreground and background colors can be switched at will. 64 colors are at your choice. Collocation belongs to your exclusive color!

Violet -White
Blue -White
Red -Green
Blue -Yellow
Light blue -Black
BL2 SLEEP:0
°C 00.0
OFF
OUT:11.99V 0.798A

(System default color)

Short press SET button, select the corresponding position, the corresponding number will be reflected, through the short press UP/DOWN button to switch the theme background and foreground.