

# Bluetooth adapter

BT-02



BT-02

## PRODUCT INTRODUCTION

It is suitable for the bluetooth module of our company's solar controller to expand the bluetooth communication function. With the mobile phone APP, the wireless monitoring and data interaction functions of the system can be realized.

## MAIN FEATURE

1. Realize the wireless monitoring and control function of the solar controller
2. Support mobile APP, plug and play, easy to set up
3. Integrated high-speed core, ultra-low-power Bluetooth dedicated chip
4. Using Bluetooth BLE4.2 technology control module, high stability, convenient connection and fast speed
5. No external power supply is required, and the power is directly supplied by the communication port

## APPEARANCE INTRODUCTION



## INDICATOR LIGHT DESCRIPTION

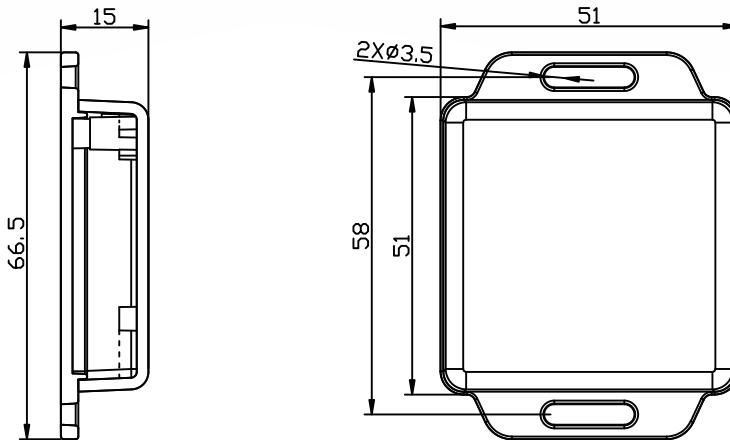
indicator light	state	illustrate
Link indicator light	flashing blue	in normal operation
	extinguished	idle state
Power indicator light	Steady green	normal power supply
	flashing or off	Abnormal power supply

## CONNECTION INSTRUCTIONS



## PRODUCT SIZE

Product number: BT-02  
Product Size: 66.5\*51\*15.5  
Mounting Aperture:  $\varphi$ 3.5



## TECHNICAL PARAMETER

PRODUCT NUMBER	BT-02
Input voltage	4.5V-5.5V (maximum support 12V)
Standby power consumption	0.04W
Running power consumption	0.05W
Working current peak	30mA
Communication distance	$\leq$ 15m
Serial port baud rate	Fixed baud rate 9600bps
communication method	RS485
Interface Type	RJ45
connecting line	Standard network cable (parallel cable)
size	66.5*51*15.5
Installation size	57.8*12mm
Mounting Aperture	$\varphi$ 3.5
Operating temperature	-40°C~75°C
Working humidity	10%~90% RH(Does not condense)
Protection class	IP 31
net weight	55g

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 20cm between the radiator and your body.