Bluetooth Adapter

RICH SOLAR

Products introduction

BT-1, BT-2 is a suitable for our company solar controller extend bluetooth communication function of the bluetooth module, cooperate with mobile phone APP can be realized on the system of wireless monitoring, parameters setting and data view.

Main feature

1. Realize the solar controller of wireless monitoring function
2. Support mobile phone APP, plug and play simple setting
3. The use of high performance, low power consumtion of the bluetooth special chip
4. Adopt bluetooth 4.0 and BLE technology, has the characteristics of rapid communicatino and strong anti-jamming capability
5. Without external power supply, power supply directly by the communication port
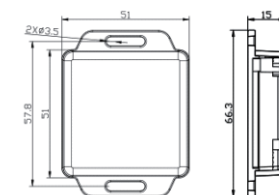6. Communication distance of up to 15 meters

Products features

Communication status indicator light

Type

Mounting holes

Communication line

Indicator light instruction

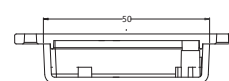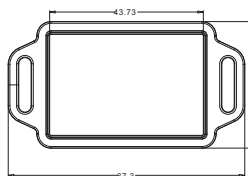| Indicator light	State		Explain
Link indicator light	BT-1	BT-2	In the communication
	Red blink	Blub blink	
	Put out		Idle state

Applicable types

Model	BT-1	BT-2
Apply series	All of our controllers that employ RS232 communication and RJ11 or RJ12 port	All of our controllers that employ TTL level communication and PH2.0 port
Communication methods	RS232	TTL
Controller port	RJ12	PH2.0

Product Dimensions

Model: BT-1
External dimensions: 66*51*15.5mm
Fixed holes dia: φ3.5

Model: BT-2
External dimensions: 67.3*36*15.5mm
Fixed holes dia: φ3.5

System wiring diagram

Mobile phone & APP

Note: Cable using the standard Ethernet cable (parallel line) connect

Applicable types

Type	BT-1	BT-2
Input voltage	5V-1 2V	
Stand-by power consumption	0.04W	
Run power consumption	0.05W	
Communication distance	≤1 5m	
Serial port baud rate	Fixed baud rate 9600 bps	
Communication methods	RS232	TTL
Interface type	RJ12	PH2.0
Connecting line	Standard Ethernet cable (parallel line)	
Size	66*51*15.5mm	67.3*36*15.5mm
Installation dimension	57.8*12mm	57.8*12mm
Fixed holes dia	φ3.5	
Operating temperature	−20ºC−75ºC	
Level of protection	IP67	
Net weight	120g	

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