



EPEVER BLE-RJ45-D Bluetooth Module Adapter User Guide

[Home](#) » [EPEVER](#) » EPEVER BLE-RJ45-D Bluetooth Module Adapter User Guide 



Contents

- 1 EPEVER BLE-RJ45-D Bluetooth Module Adapter User Guide
- 2 1. Overview
- 3 2. Appearance
- 4 3. Specifications
- 5 4. Working processes
- 6 5. Disclaimers
- 7 Documents / Resources

EPEVER BLE-RJ45-D Bluetooth Module Adapter User Guide



- ※ Thanks for selecting the EPEVER BLE RJ45 D Bluetooth module, please read this manual carefully before using the product.
- ※ Do not install the product in humid, salt spray, corrosion, greasy, flammable, explosive, dust accumulative, or other severe environments.

1. Overview

Adopting the Bluetooth 5.0 transmission and BLE (Bluetooth Low Energy) technology, EPEVER BLE RJ45 D enables data collection, communication, and wireless monitoring of connected devices.

Features

- Support communication via phone APP
- Support data encryption
- Use immediately after connecting; easy and convenient operation
- Feature fast communication and strong anti-interference ability
- Directly powered by the communication port
- Up to 10 meters of communication distance

2. Appearance



❶ RJ45 connector: Connect to the RJ45 port of the controller, inverter, or inverter/charger. RJ45 Pin Definition



Pin	Definition	Pin	Definition
1	+5VDC	5	RS485-A
2	+5VDC	6	RS485-A
3	RS485-B	7	GND
4	RS485-B	8	GND

3. Specifications

Parameter	Model	EPEVER BLE RJ45 D
Working voltage		5V± 0.5V (Powered by RJ45 port)
Power consumption		Average: 5V@10mA; Peak: 5V@60mA
Communication distance		≤ 10m
Serial port baud rate		115200bps
Communication method		RS485 to Bluetooth
Connection port		RJ45
Bluetooth protocol		Bluetooth 5.0
Dimension (L x W x H)		63mm x 19mm x 13.8mm
Work temperature		-20°C~70°C
Enclosure		IP30
Net Weight		8.0g

4. Working processes

① Connect the Bluetooth module to the RJ45 port of the EPEVER controller, inverter, or inverter/charger.



WARNING: The Bluetooth module is not available to the LS-B series. Suppose the Bluetooth module is installed in a metal-confined space. In that case, the signal transmission will be influenced, depending on the material and tightness of the metal-confined space.

② Add the Bluetooth module into the EPEVER cloud by the Bluetooth signal. Detailed operating steps are as below:



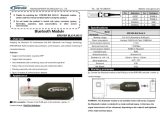
5. Disclaimers

The warranty does not apply to the following conditions:

- Damage caused by improper use or inappropriate environment.
- The parameter setting exceeds the Bluetooth module's limit.
- Damage caused by working temperature exceeding the rated range.
- Unauthorized dismantling or attempted repair.
- Damage caused by force majeure.
- Damage occurred during transportation or handling.

Read More About This Manual & Download PDF:

Documents / Resources

	<p>EPEVER BLE-RJ45-D Bluetooth Module Adapter [pdf] User Guide BLE-RJ45-D Bluetooth Module Adapter, BLE-RJ45-D, Bluetooth Module Adapter, Module Adapter, Adapter</p>
---	--