

Overview

EPEVER-BLE-RJ45-A is a new Bluetooth module suitable for EPEVER solar controller, inverter, and inverter/charger. It can independently complete the communication and data collection. Customers can remotely monitor the device connected to the EPEVER-BLE-RJ45-A and modify related parameters by the cloud server or mobile APP.

Features

- Wireless monitoring the solar controller, inverter, and inverter/charger
- Support cloud server or APP communication
- Convenient connection and operation
- Equipped with a high-performance, low-power consumption Bluetooth chip
- Adapt Bluetooth 5.0 and BLE technology
- Feature fast communication and strong anti-interference ability
- No external power supply (powered by communication port directly)
- Up to 10 meters communication distance
- Reload button to restore the factory settings



Technical Specifications

| Parameter | EPEVER-BLE-RJ45-A |
|------------------------|--|
| Input voltage | 5V± 0.5V(Powered by RS485 com. port) |
| Power consumption | 5V@30mA |
| Communication distance | ≤10m |
| Serial port baud rate | 2400~115200bps(default 115200bps) |
| Communication method | RS485 to Bluetooth |
| Connection port | RJ45 port |
| Connection cable | Standard network cable (parallel line) |
| Bluetooth protocol | Bluetooth 5.0, compatible with Bluetooth 4.0 |
| Dimension | 51* 67* 24.5mm |
| Mounting dimension | 41.2, Φ3.2 |
| Working temperature | -20~70°C |
| Enclosure | IP30 |
| Net Weight | 37.9g |