

Overview

The RS485-1M2S extension module is an optional accessory that can extend the RS485 communication port of our solar controller/inverter. Based on the standard Modbus protocol, the user can monitor the operating status and set parameters through the monitoring devices connected to the RS485-1M2S extension module. The RS485-1M2S main port 1-1 and 1-2 are connected in parallel, which can connect 1 or 2 slave devices, such as a solar controller/inverter. And the RS485-1M2S slave port 2 and 3 are independent, which can connect 1 or 2 monitoring devices at the same time, such as remote meter/WIFI module/Bluetooth module/PC software, etc.

Features

- Extend the RS485 communication port of the solar controller/inverter
- Data interaction between the solar controller/inverter and monitoring devices
- Standard Modbus communication protocol
- One key to set the communication baud rate
- LED screen



Technical Specifications

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|---------------------------------|---|
| Model | RS485-1M2S |
| Compatible products | Solar controller/inverter |
| Power supply | 5VDC(Power supply by the communication port of solar controller/inverter) |
| Auxiliary power supply | 8~70VDC(Auxiliary power supply by the battery) |
| Power consumption | 0.3W |
| Communication baud rate | 115200 (Default) 9600 |
| Working environment temperature | -30°C ~ 50°C |
| Storage temperature | -30°C ~ 80°C |
| Enclosure | IP30 |
| Dimension | 121* 88* 27.5mm |
| Mounting dimension | 69mm |
| Mounting hole size | Φ4.8 |
| Net Weight | 121.8g |

