

Overview

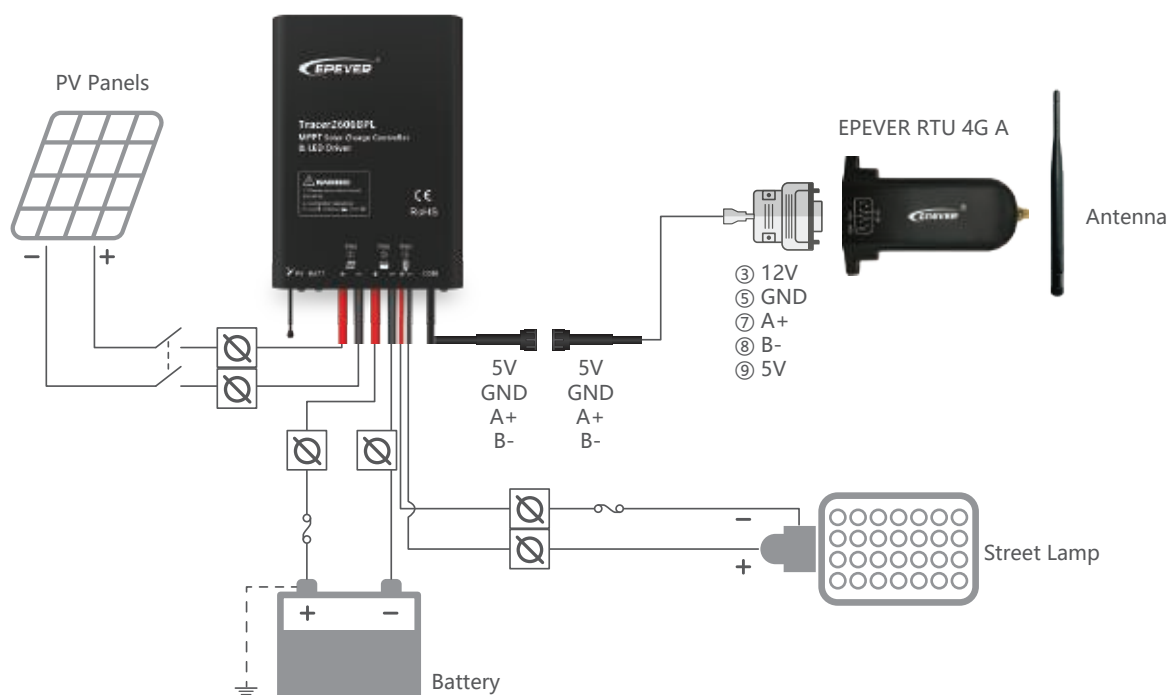
EPEVER RTU 4G A is a new wireless data transmission terminal based on the 4G network. With the GSM/GPRS SIM card, the connected devices can easily access the EPEVER cloud server to realize remote, wireless, and networked communication. EPEVER RTU 4G A is suitable for EPEVER solar controller, inverter, and inverter/charger.

Features

- Extensive network coverage and flexible networking
- Low operating costs (charged by network flow)
- Adopt a DB9 male terminal
- Embedded in Modbus RTU protocol
- Automatic restore after disconnection
- Support RS485 communication



Network Diagram



Technical Specifications

Model	EPEVER RTU 4G A
Network type	GPRS class12
Coding method	CS1 – CS4(Comply with SMG31bis)
Frequency	GSM900/1800MHZ, CDMA: BC0, WCDMA: B1/B8, TD-SCDMA: B34/B39, LTE TDD: B38/B39/B40/B41, LTE FDD: B1/B3/B5/B8
GPRS transmission rate	150M
Network protocol	TCP/UDP/FTP/PPP/DNS
SIM card voltage	3V/1.8V
Antenna connector	50Ω IPX connector
Serial port level type	RS485
Serial port baud	9600~115200bps
Power	DC: 9~ 60VDC or 5VDC
Power consumption	Communication: <200mA/5V; Idle: <40mA/5V
Environment temperature	-40~85℃
Humidity	0~95%(Non-condensing)
Electromagnetic compatibility	Electrostatic discharge immunity test, level 3 Anti-interference test, level 3