

PRODUCT INTRODUCTION

eBox-BLE-01—RS485 to Bluetooth Adapter



Dear user: Thanking you for selecting our product!

Product Introduction

eBox-BLE-01 is a kind of serial adapter which can make our company's solar controller and inverter be with Bluetooth communication function, and carry out wireless monitoring, parameter settings, and etc. for the system only by cooperating with mobile phone APP. Plug and play, simple and convenient set, it has many excellent features.

Main features :

- Realize wireless monitoring function of solar controller and inverter
- Support mobile phone APP, plug and play, simple and convenient to set
- Use high performance, ultra-low power consumption Bluetooth dedicated chip
- Adopt Bluetooth 4.0 and BLE technology
- Fast communication, strong anti-interference ability
- No need of external power supply
- Communication distance up to 10 m
- Master reset adapter

Product Features

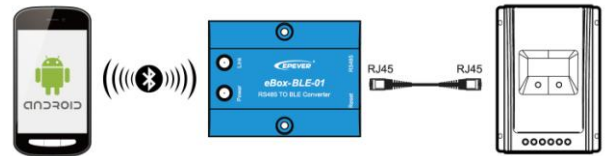


- ①RS485 Interface(RJ45): Used for connecting the solar controller or inverter with RS485 as the communication bus
- ②Reset button: Master reset adapter
- ③Link indicator: Communication connection indicator
- ④Power indicator: Power indicator

Indicator Instructions

Indicator	status	Instruction
Power indicator	Green on solid	Normal power-on
	OFF	No power-on
Link indicator	Green on solid	Bluetooth connected
	OFF	Bluetooth not connected

System Connection Diagram



Mobile & APP

NOTE:Standard network cable(Parallel cable) can achieve the connection!

Applicable Models

Product series	Communication	Interface type
LS-B series	RS485	RJ45
VS-A series		
VS-BN series		
Tracer-A series		
Tracer-BN series		
SHI series		
STI series		
eTracer-AD series		3.81-4P
eTracer-BND series		
iTracer-ND series		

Operation Instruction

For details, please refer to the user manual of mobile phone APP [EPEVER (WIFI)] of this product!

Technical Specifications

Item	Models	eBox-BLE-01
Input Voltage		5VDC (Direct powered by RS485 port)
Standby power consumption		0.04W
Operation power consumption		0.05W
Communication distance		≤10m
Port baud rate		300bps~230400bps (Default115200)
Communication		RS485 to BLE
Interface type		RJ45
Connecting cable		Standard network cable (Parallel cable)
Overall dimension		51*67*24.5mm
Mounting dimension		41.2mm
Mounting hole size		Φ3.2mm
Working temperature		-20~70℃
Enclosure		IP30
Net weight		37g

Any changes without prior notice! Version number: V1.0