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
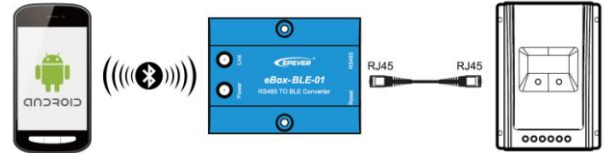
➤ Master reset adapter

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

Models / Item	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