PRODUCT INTRODUCTION

eBox-WIFI-01— WIFI Serial Server

Dear user: Thanking you for selecting our product!

Product Introduction

eBox-WIFI-01 is a kind of serial server which can make our company's solar controller and inverter be with wifi 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 CPU with core M4

➢ Ultra-low power consumption and high speed data processing capability

➢ No need of external power supply

➢ Communication distance up to 50 m

➢ One-key restore the factory settings

Product Features

①RS485 Port (RJ45): Used for connecting the solar controller or inverter with RS485 as the communication bus

②Reload Button: One-key restore the factory settings
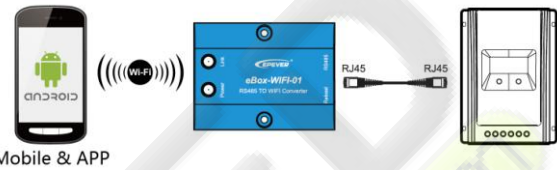
③Link indicator：Communication connection indicator

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	WIFI connected
	OFF	WIFI not connected

System Connection Diagram

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-WIFI-01
Input Voltage	5VDC (Direct powered by RS485 port)
Standby power consumption	0.20W
Operation power consumption	0.25W
Communication distance	≤50m
Port baud rate	300bps~230400bps(Default 115200)
Communication	RS485 to WIFI
Interface type	RJ45
Connecting cable	Standard network cable (Parallel cable)
Overall dimension	51*67*24.5mm
Mounting dimension	41.2
Mounting hole size	Φ3.2
Working temperature	-35~75℃
Enclosure	IP30
Net weight	39g

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

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www.wattuneed.com
By Solar-Tech

SOLAR-TECH ENGINEERING SCRL
Henripré 12, BE-4821 Andrimont
VAT : BE0898 969 868 | CBC BE76 7320 2470 0695 | ING BE08 3630 3523 7413
info@solar-tech.be | info@wattuneed.com | Phone : +32 87 45 00 34