

# RS485 to WIFI Adapter

## Box-WIFI-01



eBox-WIFI-01 is a serial server which realize WIFI communication feature of EPsolar solar controllers, carry out wireless monitoring, parameter settings, etc only by mobile phone APP.

Plugging and play, simple and convenient setting.

### Main features :

- Realize wireless monitoring function of solar controller and inverter
- Support mobile phone APP, plug and play, simple and convenient to setting
- 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



## 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		

## Technical Specifications:

Model	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 (Default115200)
Communication	RS485 to WIFI
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	-35~75℃
Enclosure	IP30
Net weight	39g



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