



ECO-WORTHY

SOLAR LINK HUB

User Manual



SUPPORT

If you are experiencing technical problems and cannot find a solution in this manual, please contact ECO-WORTHY for further assistance.

· Call: 1-866 939 8222(US) +44 20 7570 0328(UK) +49 693 1090 113(GE)

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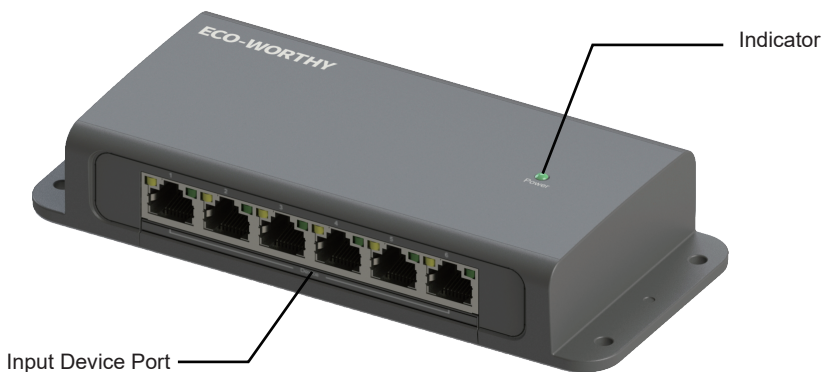
1. Production

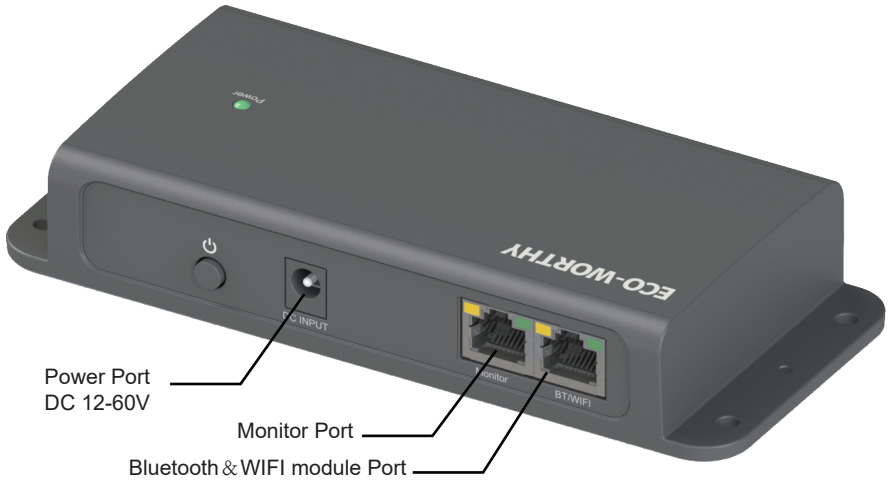
This product serves as a relay station for solar system devices such as controllers and inverters to get information. The Bluetooth & WIFI module can be connected to the product for sending the collected information to mobile phone APP. Multiple devices could be connected to the input port and then the monitor to the communication port, allowing the user to read different devices on the same screen.

2.Features

- One power switch and one DC input port(available from 12V~60V, 12V typical).
- Eight Rj45 ports, six of which are for inputs, allowing multiple devices to be connected; two for communications-one for the Bluetooth & WIFI module and the other for the hub monitor.
- A signal light could alert the user if power supply is not connected.
- Each Rj45 port is equipped with an indicator.

3.Installation guide





1.Connect the power supply;

2.Connect the device;

3.Turn it on when the connection is done, and the indicator light will turn green;

4.When the hub is working, the flashing yellow light of the input port suggests successful communication with the device;

5.When the hub is working, the flashing yellow light of the Bluetooth & WIFI module port or the monitor port suggests successful communication with the Bluetooth & WIFI module or the monitor.

4.Product

1.Specifications

Input Voltage	12V~60V
Power Port Size	DC 25*20mm
Operating Wattage Range	1.2~8.4W
Input Device Ports Type	6*RJ45
Wireless Communication Port Type	1*RJ45
Communication Protocol	RS485
Operating temperature	-25 ℃ ~65 ℃
Size	165*72*29.3 mm/6.5*2.8*1.2inch
Weight	140g/0.31lbs

2.List

Part	Specifications	Quantity
Solar Link Hub		1
Adapter	12V/2A,1m cable	1
Screw ϕ 4mm		4
Battery to power port cable	0.5 m ² , RNB1.25-8 terminals, 3m cable	1
Net Cable	Cat5e Ethernet Shielded Cable,1m cable	2

5.Troubleshooting

Fault	Potential Cause	Solution
No flashing light on the corresponding port-data failure due to device error	Device of other brands	Change to our device
	Incorrect wiring or faulty cable	Check wiring or change cable
	Faulty port	Try other ports. If the others were flashing as usual,it means the port is faulty. If not, the hub should be damaged and replacement is needed.
	Communication fault or no power	Confirm turning on the hub. If it has been turned on,the device itself is possibly faulty and replacement is needed.
The indicator light on Bluetooth & WIFI module or display won't flash-data collection failure due to Bluetooth & WIFI module fault or hub fault.	Bluetooth & WIFI module fault or display fault. It is also possible the item is fine but WIFI is not working well.	Try different network
	Hub fault	Damaged hub needs replacement
	Bluetooth & WIFI module is connected to both WIFI and bluetooth (forbidden since the hub will get data failure)	Choose either way of connection

6.Safety precaution

- 1.Any sequence of connection to the ports is feasible, so your device could be wired to any port.
2. Turn off the hub before a new device is connected and turn it on after the connection is done.

7.Support

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