





WI-PS306GF-UPS-15A Hardware version V2

www.wireless-tek.com

1 x Mounting Accessories (L-shape bracket, Screw, Screwdriver, Mat)

1 x Power Cable

(Except Australia)

1. Packing Content

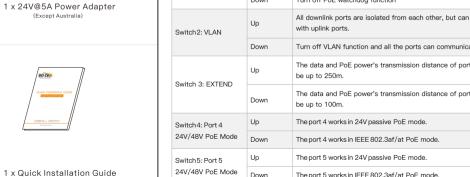
1 x Solar Powered PoE Switch

2*1000Mbps 24V(passive) /48V(af/at) PoE RJ45 1*1000Mbps PoE++ RJ45

2. Appearance

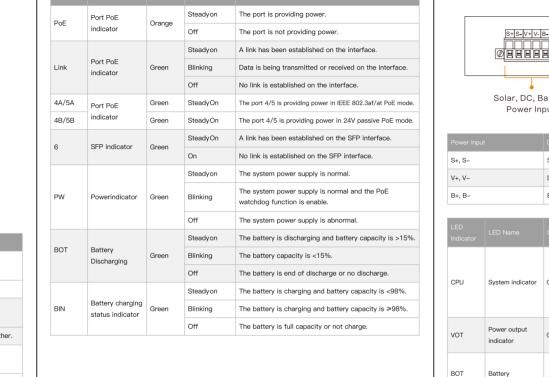
2*1000Mbps PoE+ RJ45

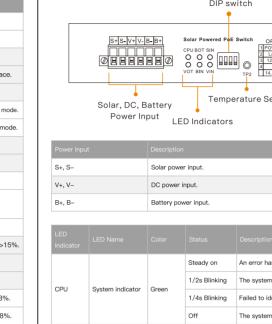




SFP indicator Green

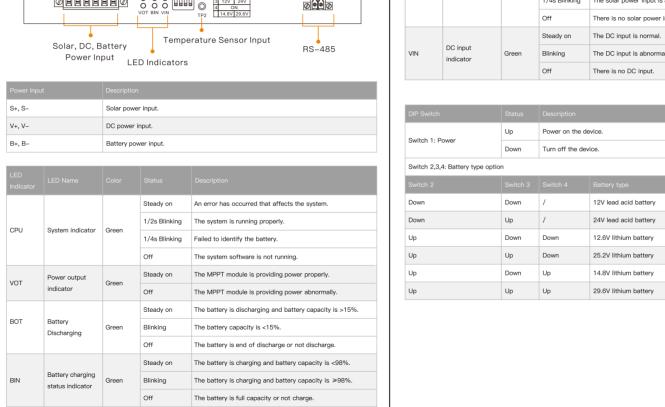
scription	BOT
PoE ports enable PoE watchdog function, which can detect and poot the offline compliant PoE powered devices automatically.	ВОТ
rn off PoE watchdog function	
downlink ports are isolated from each other, but can communicate th uplink ports.	BIN
rn off VLAN function and all the ports can communicate with each other.	
e data and PoE power's transmission distance of port 1~5 can up to 250m.	
e data and PoE power's transmission distance of port 1~5 can up to 100m.	
e port 4 works in 24V passive PoE mode.	
e port 4 works in IEEE 802.3af/at PoE mode.	
e port 5 works in 24V passive PoE mode.	
e port 5 works in IEEE 802.3af/at PoE mode.	





Rear Panel

WI-PS306GF-UPS (Hardware version V4)



Up Power on the device. Down Turn off the device. Down Down 12.6V lithium battery Up Down 25.2V lithium battery Down Up 14.8V lithium battery

Rear Panel Steady on The solar power input is normal. The solar power input is in delayed charging, the time is 10 | S1||S1||S2||S2||S2||S||B|| | Solar Powered PoE Switch OFF | CPU BOT SIN | The Power | Th 1/4s Blinking The solar power input is abnormal. Off There is no solar power input. Steady on The DC input is normal. Solar, Battery Power input DIP switch Green Blinking The DC input is abnormal. Off There is no DC input. S1+, S1- Solar power input.

12V lead acid battery

	d damage			oe connected at the same
LED Indicator				
CPU System indic		Stead	Steady on	An error has occurred that affects the system.
	System indicator Gr		Green	1/2s Blinking
J			1/4s Blinking	Failed to identify the battery.
			Off	The system software is not running.
VOT Power output indicator	DT TO	Green	Steady on	The MPPT module is providing power properly
		Green	Off	The MPPT module is providing power abnorma

B+, B- Battery power input.

WI-PS306GF-UPS-15A (Hardware version V2)

RS-485 Steady on The solar power input is normal. Power input

Battery status

*Note: Solar and DC nower can't be connected at the same time *Note: DIP switch function of WI-PS306GF-UPS-15A V2 is same as WI-PS306GF-UPS V4.

S2+, S2- Another solar panel in parallel with the solar panel of S1+&S1- socket to obtain greater current input

p 1: How to get 12V or 24V battery?

Maximum Power voltage(Vmp) <26V

Maximum Power voltage(Vmp) <32V

Maximum Power voltage(Vmp)

Open circuit voltage(Voc)

Open circuit voltage(Voc)

Maximum Power voltage(Vmp)

Open circuit voltage(Voc)

3.Hardware Installation

Green Blinking The battery capacity is <15%. Lead-acid 12V or 24V Off The battery is end of discharge or not discharge. WI-PS306GF-UPS-15A Steady on The battery is charging and battery capacity is <98% Battery charging status indicator status indicator Blinking The battery is charging and battery capacity is ≥98% Off The battery is full capacity or not charge.

24V Solar Panel

Temperature Sensor Input The solar power input is in delayed charging, the time is 1 1/4s Blinking The solar power input is abnormal. Off There is no solar power input. 2: How to select a suitable solar panel? Steady on The battery capacity is >95%.

Green Blinking The battery capacity is >75% and <95%.

Off The battery capacity is <75%.

Steady on The battery is discharging and battery capacity is >15%.

Photovoltaic performance in PVGIS provided by the European Commission Example: There is 17.5W load in the solar system

If the system should continue working 2 days in the cloudy & raining days, and discharge capacity is 80% (means remain 20% capacity after 2 days), the battery capacity is about 17.5W * 2 days * 1.2(system loss coefficient) / 80% (remain 20% capacity) =1260 Wh

tep 3:Calculate battery capacity and solar panel power

Recommended tools for reference:

UPS Wizard in Wi-Tek Cloud APP

17.5W * 24hours * 2.5days + 1260 Wh / [(3 days * 2.6(solar panel efficient in There is much different at system loss coefficient due to battery type, temperature

quality, cycles and so on, and there is much different at solar panel efficiency due to

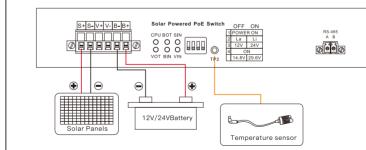
Step 4: Power off the WI-PS306GF-UPS device, connect the solar panel, battery and

weather, latitude, month, temperature, install slope and azimuth, system loss,

Get some reference, you can visit recommend tools.

cleanliness, quality, degree of aging and so on.

temperature sensor(not included).



Power Priority: Solar Panel, DC IN, Battery

tep 5: Connect the 24V passive or 802.3af/at PoE Powered Devices.

Core Fiber Switch

> If the product defects within the three-year warranty period, we will provide the professional maintenance service. Proof of purchase and a complete product serial number are required to receive any

product of the same model.

If the product defects within three months after purchase, we will provide you a new

services guaranteed as part of the limited warranty.

Any other defects that are not caused by workmanship or product quality, such as natural disaster, water damage, extreme thermal or environmental conditions. sticker damaged, warranty card losing will disqualify the product from limited warranty.

Warranty Card



Technical Support Company Website Cloud Management

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