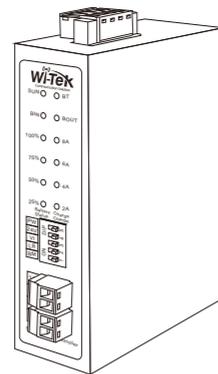
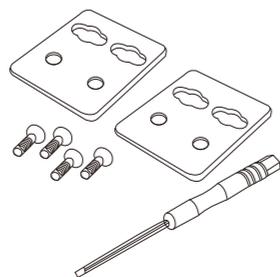


1. Package Contents



1 x Solar Controller



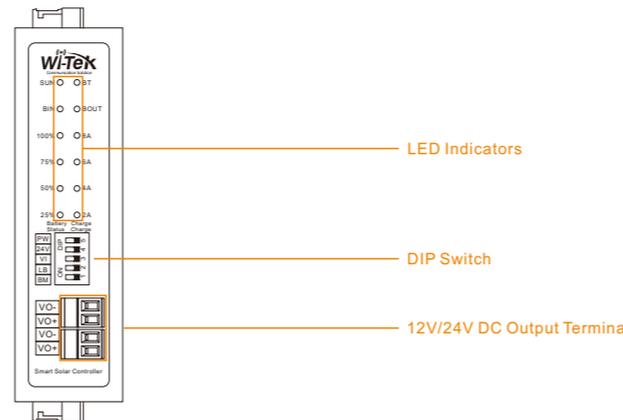
1 x Mounting Accessory Kit



1 x Quick Installation Guide

2. Hardware Introduction

2.1 Front Panel



2.2 Top Side Panel



2.3 Bottom Side Panel



Note
 VO+: DC output positive electrode
 VO-: DC output negative electrode
 BT+: Battery positive electrode
 BT-: Battery negative electrode
 S+: Solar power positive electrode
 S-: Solar power negative electrode

3. Product Specifications

Products	WI-PS301-UPS
Product Terminals	2 x solar input terminals
	1 x battery input terminal
	2 x DC output terminals
	1 x temperature sensor terminal
Max Charge Current	8A
Solar Type	12-24V 400W input (Open Circuit Voltage 18V~32V)
Battery type	12V lead-acid battery
	12.6V/14.8V lithium battery
Power Output	12V Max 5A (Optional)
	24V Max 3A (Optional)

LED Indicators		
SUN: Solar power	Solid on	The solar power on is normal
	Off	The solar power is off or failed
BIN: Battery charge	Solid on	The battery is charging
	Off	No battery is charging or battery is failed
BOU: Battery discharge	Solid on	The battery is discharging
	Off	No battery is discharging or battery is failed
BT: Battery Status	Solid on	Battery is connected
	Blink	Battery is disconnected or failed
25%/50%/75%/100%	Solid on	Display battery current capacity
2A/4A/6A/8A	On	Display battery charging current

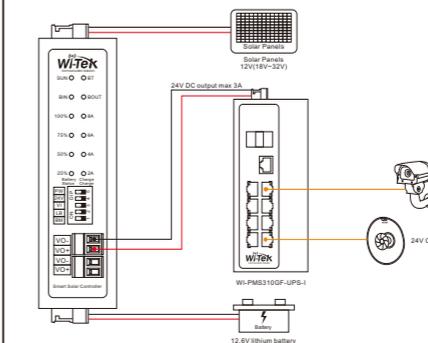
4. DIP Switch

Step 1: Adjust the DIP switch (e.g. 12.6V lithium battery, 24V DC output)
 Before installation, ensure that the device is powered off. Option the 12V/24V DC output via DIP switch manually. Solar energy must be combined with battery use to start the device.

Step 2: Hook up the 12V solar panel to S terminals, positive to positive, negative to negative
 Step 3: Hook up the 12.6V lithium battery to B terminals, positive to positive, negative to negative.

Step 4: Hook up a device (e.g. WI-PMS310GF-Alien-I) which supports 24V DC in, positive to positive, negative to negative.

Step 5: Power on the solar controller via DIP switch.



DIP Switch		
PW: Power	To the left	Turn on the solar solar controller
	To the right	Turn off the solar power
24V	To the left	The VO terminals with 24V max 3A output
	To the right	The VO terminals with 12V max 5A output
VI	To the left	Option DC input
	To the right	Option solar power input
LB: Lithium battery	To the left	14.8V 100Ah lithium battery, max charge current 8A
	To the right	12.6V 100Ah lithium battery, max charge current 8A
BM	To the left	Choose the 12V 100Ah lithium battery input, max charge current 8A
	To the right	Choose the 12V 100Ah lead-acid battery, max charge current 8A

Note: Support 12V (18-32v) solar plate, maximum power input 200W

Warranty Card

Username	
Address	
Telephone No.	
Purchase Shop	
Purchase Address	
Product Model No.	
Purchase Time	
Serial No.	
Dealer Signature	

- If the product defects within three months after purchase, we will provide you a new product of the same model.
- 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 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.



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