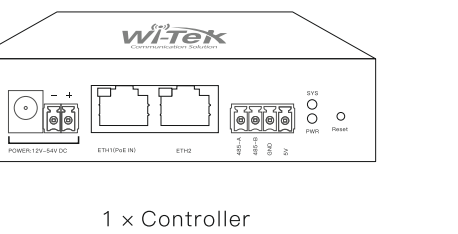
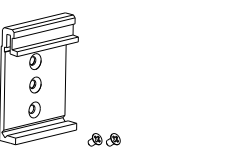


WI-IOT100  
Cloud IOT Controller

## 1. Package Contents



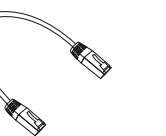
1 x Controller



1 x DIN-Rail Accessories



1 x Quick Installation Guide

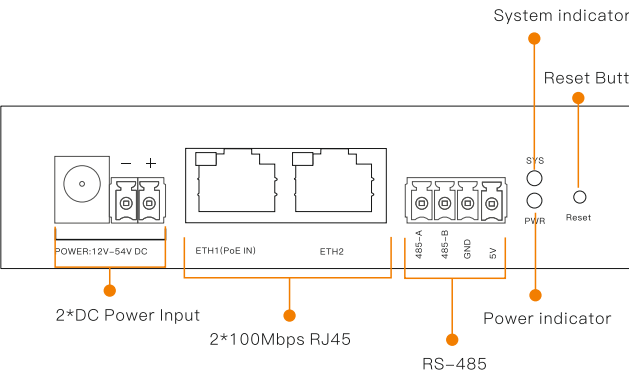


1 x Ethernet Cable

1 x RS-485 Cable  
(The two cables must be twisted in pairs to ensure high-quality communication over the RS485 port.)

## 2. Hardware Introduction

### • WI-IOT100



**Note: The two DC power supplies cannot be connected at the same time.**

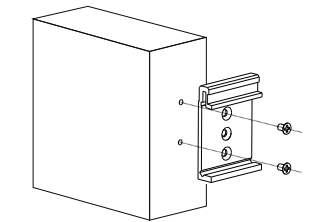
| Button | Description  |
|--------|--|
| Reset  | Short press 1-3 seconds: Reboot the device.<br>Long press over 5 seconds: Restore the factory default configuration. |

### • LED indicator

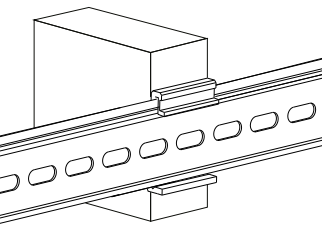
| LED Indicators | Status    | Description   |
|----------------|-----------|---|
| PWR            | Steady on | The system power supply is normal.                      |
|                | Off       | The system power supply is abnormal.                    |
| SYS            | Blinking  | The system is running properly.                         |
|                | Off       | The system software is not running.                     |
| ETH1/ETH2      | Steady on | A link has been established on the interface.           |
|                | Blinking  | Data is being transmitted or received on the interface. |
|                | Off       | No link is established on the interface.                |

## 3. Installation

- Fix the DIN-rail bracket to the backside of the device with screws.



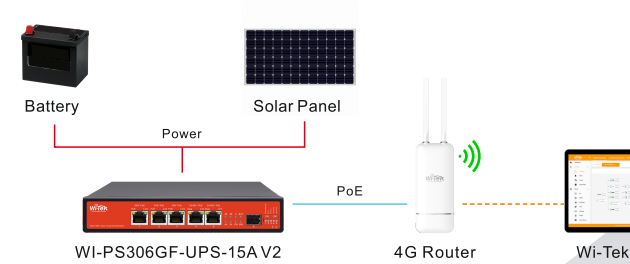
- Install the device to the DIN rail.



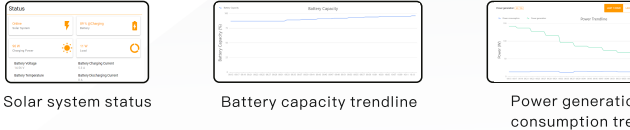
- After the above steps are completed, connect the Ethernet cable and power on the device.

## 4. Application

### Application



### Cloud visualization of solar systems

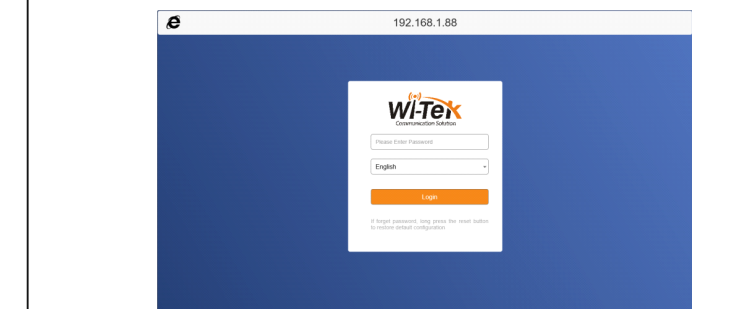


## 5. Management

### • Step 1. Login to the management WEB

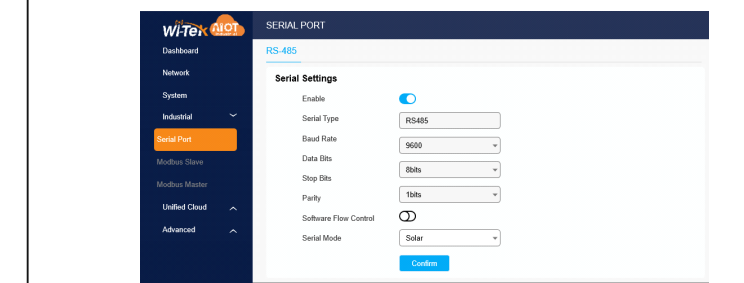
Connect your computer to the cloud IoT controller with an Ethernet cable, and check your computer's IP address is on the same subnet as the controller.

**Note: The controller's default fallback IP 192.168.1.88 is invalid if there is a DHCP server in the network. It will be reassigned to a new IP address by the DHCP server (such as a Router in the network). Please check the new IP address on the DHCP server and use it to log in to WEB, The default password is 12345678.**



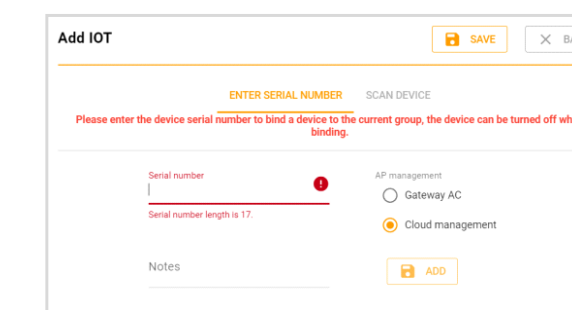
### • Step 2. Switching work mode

Go to the "Industrial > Serial Port" page, enable the RS485 function, select working mode and other parameters, and click < Confirm >.

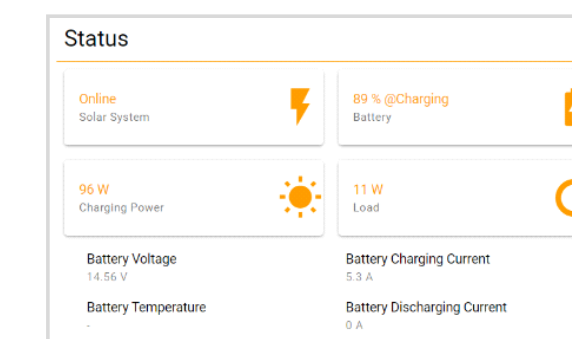


### • Step 3. Cloud management

Make sure your controller is networked. Enter <https://cloud2.wireless-tek.com> in the browser and log in to the cloud, add a network, or select the existing network. Go to "Device > IoT", click < ADD DEVICE >, enter the cloud IoT controller's SN, and click < ADD >. Wait a moment, you can find it in the device list and view it in "Topology".



The solar system status and power & battery capacity trendline are on the device detail page.



## Warranty Card

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

- If the product defects within the warranty period, we will provide 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 disasters, water damage, extreme thermal or environmental conditions, sticker damaged, warranty card loss will disqualify the product from limited warranty.



Technical Support



Company Website



Cloud Management

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