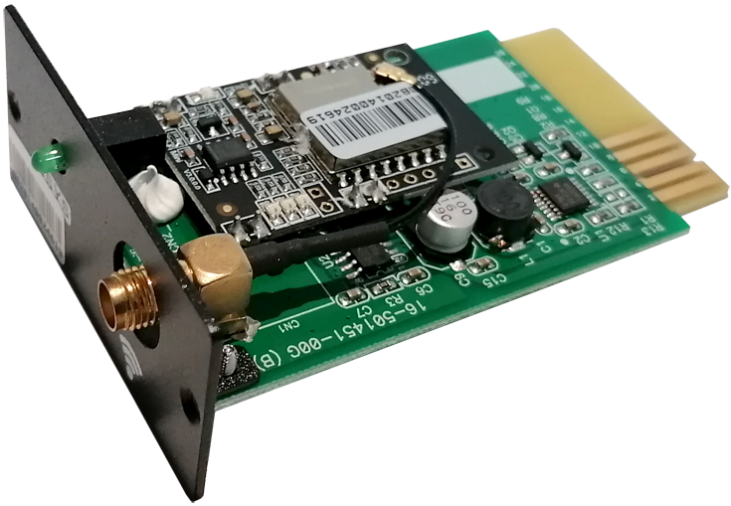
WiFi Smart Card WP

UPAC-WIFICRD-AZ01B

User manual



101.0

Before using this product, carefully read all product documentation and retain it for future reference.

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EN

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Thank you for purchasing our products!

Please read this manual before using the product.



*Focusing on quality at competitive prices, **nJoy** designs consumer products for a better and enjoyable way into the digital world.*

This UPS will protect your electronic equipment from physical damage and will provide emergency battery backup power to prevent data loss in the event of power problems.

nJoy UPS models that are compatible with this product:

Aten Pro Series	**1K VA / 2K VA / 3KVA**
Balder Series	**1K VA / 1.5K VA / 2K VA / 3K VA / 6K VA / 10K VA**

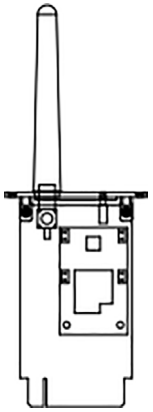
1 Package contents

- ✓ Wi-Fi Smart Card x 1
- ✓ User's Manual x 1

NOTE!

If any of the above package content is missing or is damaged please contact the shop where you have bought the UPS from.

2 Product overview

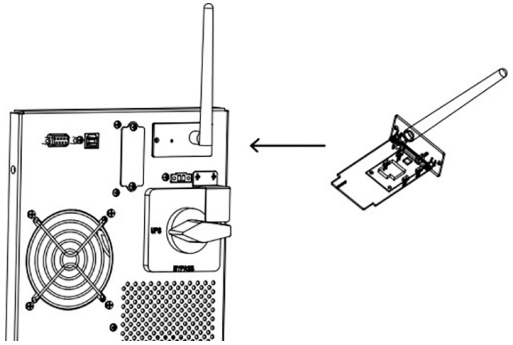


1. Antenna
2. Inverter connection status LED
   OFF: Inverter does not provide power to Wi-Fi Smart Card.
   ON: Inverter provides power to Wi-Fi Smart Card successfully.
3. PWR: To indicate if the power is on.
   COM: To indicate if communication between Wi-Fi Smart Card and Inverter is normal.
   NET: To indicate if Wi-Fi Smart Card is connected to router.
   SRV: To indicate if Wi-Fi Smart Card is connected to the internet.

3 Wi-Fi Smart Card installation

Please follow below steps to install Wi-Fi Smart Card:

Step 1. Remove the cover of the intelligent slot.
Step 1. Insert the Wi-Fi smart card into the slot.



4 ViewPower app

4-1. Download and install APP

Operating system requirement for your smart phone:

- iOS system supports iOS 9.0 and above
- Android system supports Android 5.0 and above

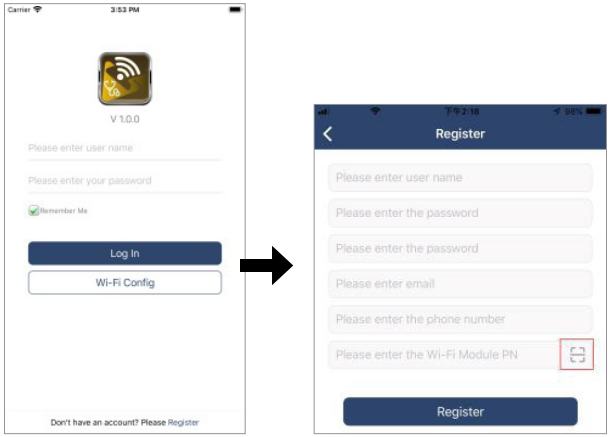
Please scan the following QR code with your smart phone and download ViewPower App.

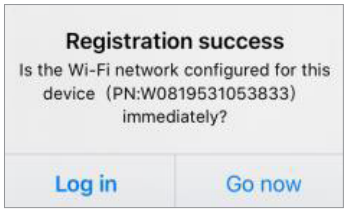
Android system **iOS system**

Or you may find “ViewPower” app from the Apple® Store or “ViewPower Wi-Fi” in Google® Play Store.

4-2 Initial setup

Step 1: Registration at first time
After the installation, please tap the shortcut icon to access this APP on your mobile screen. In the screen, tap “Register” to access “User Registration” page. Fill in all required information and scan the Wi-Fi Smart Card PN by tapping icon. Or you can simply enter Wi-Fi Smart Card PN directly. Then, tap “Register” button.

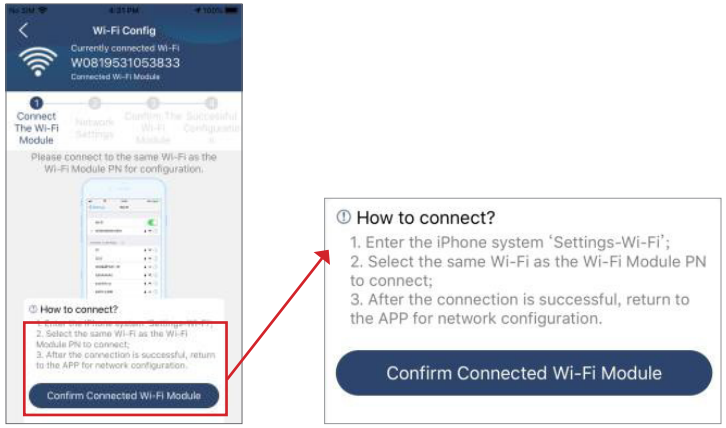




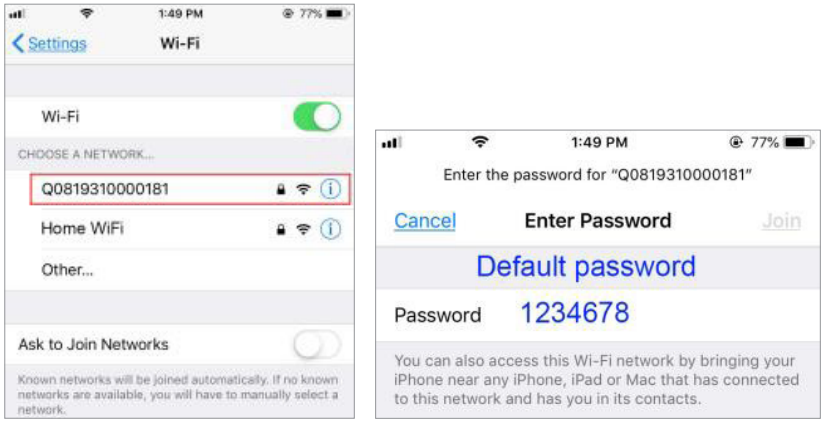
Then, a “Registration success” window will pop up. Tap “Go now” to continue setting local Wi-Fi network connection.

Step 2: Local Wi-Fi Smart Card Configuration

Now, you are in “Wi-Fi Config” page. There are detailed setup procedure listed in “How to connect?” section and you may follow it to connect Wi-Fi.



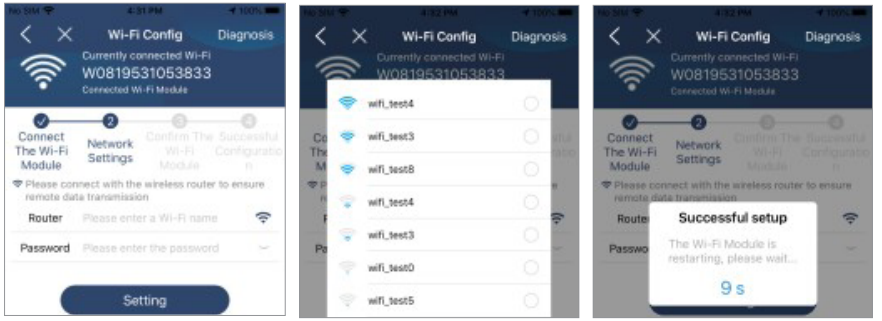
Enter the “Settings→Wi-Fi” and select connected Wi-Fi name. The connected Wi-Fi name is the same to your Wi-Fi PN number and enter default password “12345678”.



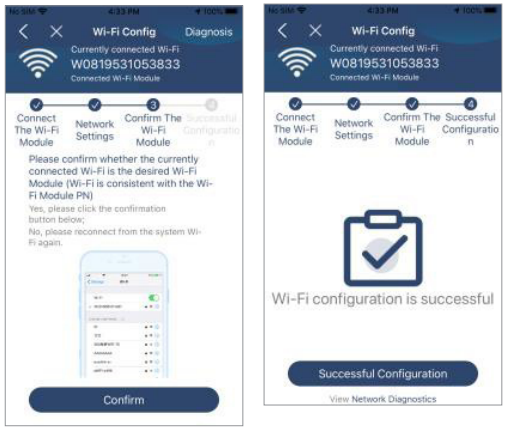
Then, return to ViewPower APP and tap “ Confirm Connected Wi-Fi Module ” button when Wi-Fi Smart Card is connected successfully.

Step 3: Wi-Fi Network settings

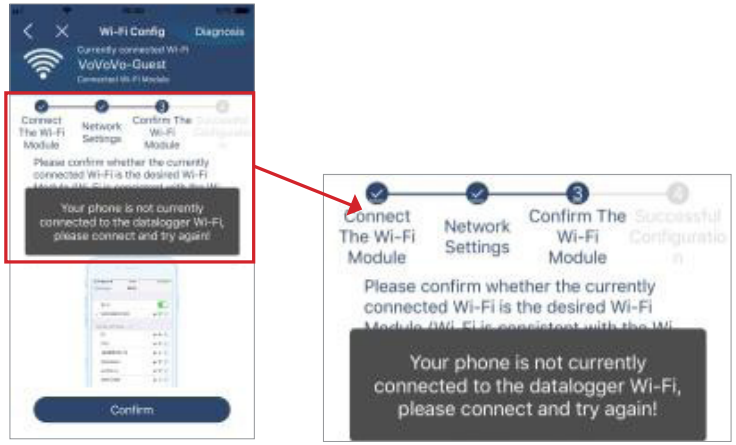
Tap icon to select your local Wi-Fi router name (to access the internet) and enter password.



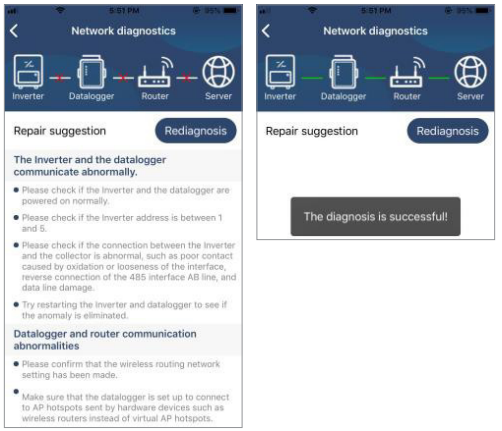
Step 4:
Tap “Confirm” to complete the Wi-Fi configuration between the Wi-Fi Smart Card and the Internet.



If the connection fails, please repeat Step 2 and 3.



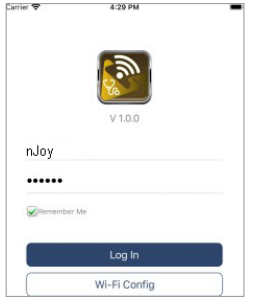
Diagnose Function
If the Smart Card is not monitoring properly, please tap “Diagnosis” on the top right corner of the screen for further details. It will show repair suggestion. Please follow it to fix the problem. Then, repeat the steps in the chapter 4.2 to re-set network setting. After all setting, tap “Rediagnosis” to re-connect again.



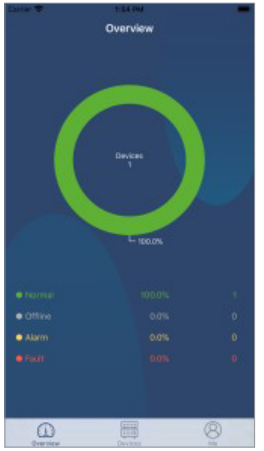
4-3 Login and APP main function

After finishing the registration and local Wi-Fi configuration, enter registered name and password to login.

NOTE!
Tick “Remember Me” for your login convenience afterwards.

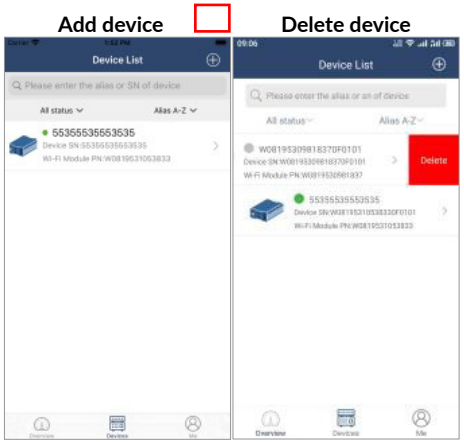


Overview
After login is successfully, you can access “Oveview” page to have overview of your monitoring devices, includes normal, offline, alarm, and fault devices as below diagram.

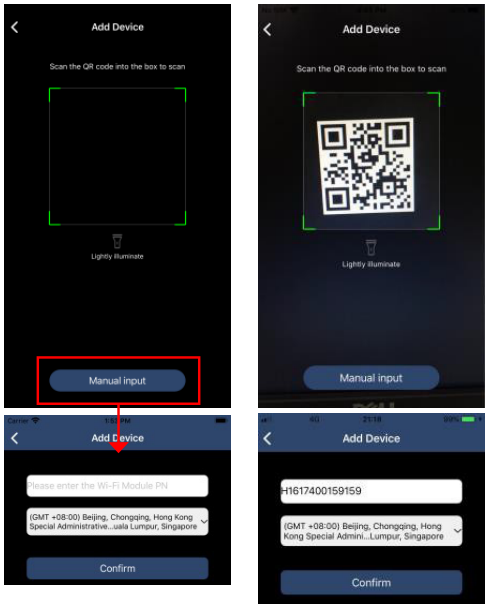


Devices

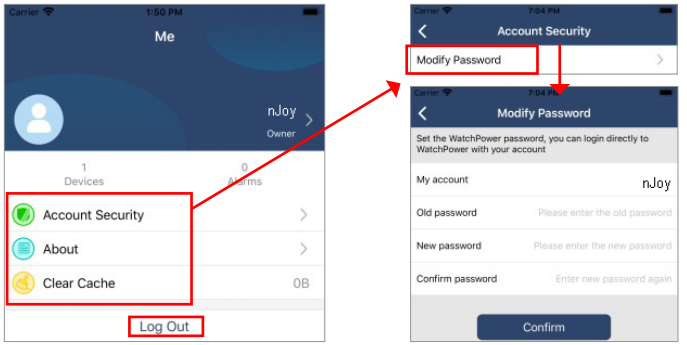
Tap the Devices icon (located on the bottom) to enter Device List page. You can review all devices here by adding or deleting Wi-Fi Smart Card in this page.



Tap ⊕ icon on the top right corner and enter part number by scanning bar code to add Wi-Fi Smart Card. This part number is printed on the Wi-Fi Smart Card surface, or manually enter it. Tap “Confirm” to add Wi-Fi Smart Card in the Device list.

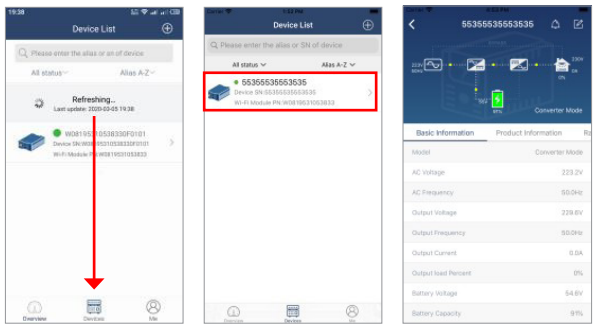


For more information about Device List, please refer to the section 4.4. ME In ME page, users can modify “My information”, including **[**User’s Photo**]**, **[**Account security**]**, **[**Modify password**]**, **[**Clear cache**]**, **[**About**]**, and **[**Log-out**]**, shown as below diagrams.



4-4 Device list

In Device list page, you can pull down to refresh the device information and then tap any device you want to check up for its real-time status and related information as well as to change parameter settings. Please refer to the parameter setting list.



Device Mode

On the top of screen, there is a dynamic power flow chart to show live operation. It contains five icons to present UPS, load, utility and battery. Based on your UPS model status, there will be **[**Standby Mode**]**, **[**Line Mode**]**, **[**Battery Mode**]**, **[**Bypass mode**]**.

[Standby Mode] UPS will not power the load. Qualified utility source can charge battery in standby mode.



[Line Mode] UPS will power the load from the utility charging. Qualified utility source can charge battery.



[Battery Mode] UPS will power the load from the batter.



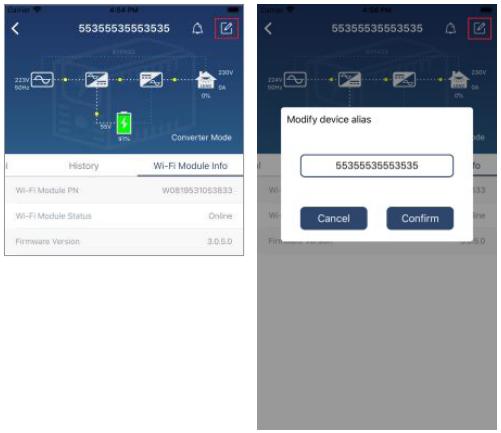
[Bypass Mode] Utility power supplies the load directly. Qualified utility source can charge battery in Bypass mode.



Device Alarm and Name Modification

In this page, tap the icon on the top right corner to enter the device alarm page. Then, you can review alarm history and detailed information.

Tap the icon on the top right corner, a blank input box will pop out. Then, you can edit the name for your device and tap “Confirm” to complete name modification.



Device Information Data

Users can check up **[**Basic Information**]**, **[**Product Information**]**, **[**Rated information**]**, **[**History**]**, and **[**Wi-Fi Smart Card Information**]** by swiping left.



[Basic Information] displays basic information of the UPS, including UPS Mode, AC voltage, AC frequency,Battery voltage, Battery capacity, Output voltage, Output frequency and Load percent. Please slide up to see more basic information.

[Production Information] displays Model type (UPS type), Model Type, Main MCU Firmware Version

[Rated Information] displays information of Nominal AC voltage, Rated battery voltage, Nominal output voltage, Nominal output frequency, Nominal output current and Nominal output apparent power, Please slide up to see more rated information.

[History] displays the record of unit information and setting timely.

[Wi-Fi Smart Card Information] displays of Wi-Fi Smart Card PN, status and firmware version.

Parameter Setting
This page is to activate some features and set up parameters for inverters. Please be noted that the listing in "Parameter Setting" page in below diagram may differ from the models of monitored inverter. Here will briefly highlight some of it, [Output Setting], [Bypass Setting], [Enable/Disable items], [Restore to the defaults] to illustrate.



There are three ways to modify setting and they vary according to each parameter.

a) Listing options to change values by tapping one of it.
b) Activate/Shut down functions by clicking "Enable" or "Disable" button.
c) Changing values by clicking arrows or entering the numbers directly in the column.

Each function setting is saved by clicking "Set" button.
Please refer to below parameter setting list for an overall description and be noted that the available parameters may vary depending on different models. Please always see the original product manual for detailed setting instructions.

4-5 Parameter setting list

Item		Description
Output Setting	Output Voltage	To set output voltage.
	Output Frequency	To set output frequency.
Bypass Setting	Bypass Voltage Low Loss Point	To set bypass frequency loss loss point
	Bypass Voltage High Loss Point	To Set bypass frequency high loss point
	Bypass Frequency Low Loss Point	To Set bypass voltage low loss point
	Bypass Frequency High Loss Point	To Set bypass voltage high loss point
	Alarm At Bypass Mode	If enabled, UPS alarms when it's working at bypass mode. Vice versa
	Alarm At Battery Mode	If disabled, UPS will not alarm when it's working at battery mode. Vice versa.
	Auto Restart	If enabled, UPS will auto restart when AC is recovering. Vice versa
	Alarm when Warning Occur	If enabled, UPS alarm will be activated. Vice versa.
Enable/ Disable Items	Bypass Mode	If enabled, AC power will directly provide power to connected devices when UPS is off. Vice versa.
	Battery Deep-Discharge Protection	If enabled, the monitored UPS shutdown in accordance with the condition of battery and load on battery mode to protect battery. Vice versa.
	Converter Mode	If enabled, the UPS will operate in converter mode. Vice versa.

	Bypass Mode Forbiding	If enabled, the UPS will not transfer to bypass mode under any conditions. If disabled, the UPS will be allowed to transfer to bypass mode according to UPS internal setting.
Device Control	Remote turn on	Turn on UPS remotely
	Remote turn off	Turn off UPS remotely
	Shut Down After A Few Minutes	Schedule UPS off after few minutes
	Boot In A Few Minutes	Schedule UPS on after few minutes
	Cancel Shutdown	Cancel UPS remote off command
Restore To The Default	This function is to restore all settings back to default settings.	



Disposal of Old Electrical & Electronic Equipment

(Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste.

Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The recycling of materials will help to conserve natural resources.

Memo

Memo

