ZENDURE

SuperCharged

PVHub Mini
User Manual

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DISCLAIMER

Read all safety guidelines, warnings and other product information in this manual carefully, and read any labels or stickers attached to the product before using. Users take full responsibility for the safe usage and operation of this product. Familiarize yourself with relevant regulations in your area. You are solely responsible for being aware of all relevant regulations and using Zendure products in a way that is compliant.
Keep this manual for future reference.

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1. Before You Begin

The information contained here in is subject to change without notice. For the latest version, please visit https://zendure.com/pages/download-center.

2. Specifications

Model	ZDPVHMM	ZDPVHMF
Application	For SBV	For Satellite Battery
Weight	≈ 1.7kg	
Control box dimensions	228*155*54mm	
Cable lengh	60cm	
Max connected Battery Capacity	6,438Wh(SSS) or 4,608Wh(LFP)	
Wireless Type	Wi-Fi , Bluetooth	
Mounting Type	Wall mount is availible	
Input voltage	VIN=40-60V	
Input current	Imax=30A	
Rated output power	Pe=800W (with one Micro-Inverter) Pe=1600W (with two Micro-Inverter)	

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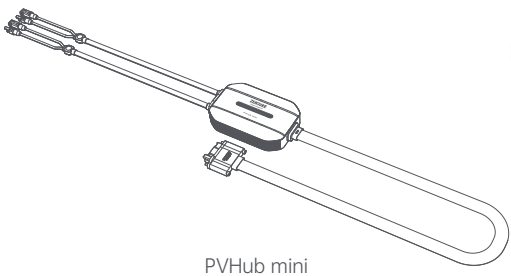
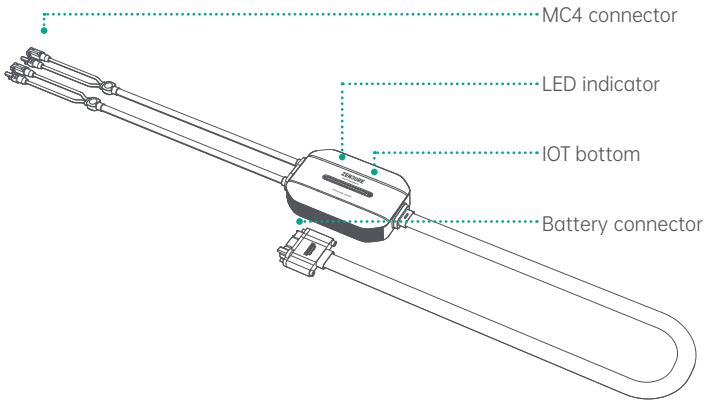
3. Getting started

3.1 What's in the box



3.2 Product overview



3.3 Operation Guidelines

No	Item	Action	Indicator	Remark
1	Pairing(Wi-Fi/ Bluetooth)	Press and hold the IOT buttom for 3 seconds	IoT white indicator flashes	two beeps
		Paring completed	IoT green indicator on	/
2	Fault reminder	APP prompts specific information	Fault red indicator on	5 beeps
3	OTA	Operate on APP	IoT green indicator flashe	/

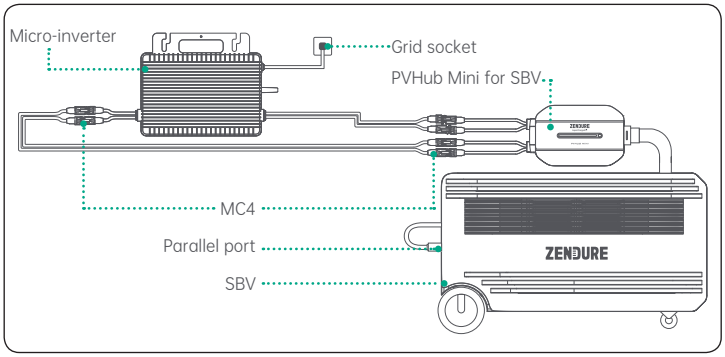
3.4 Connect with SuperBase V6400/4600 or Satellite Battery B6400/ B4600

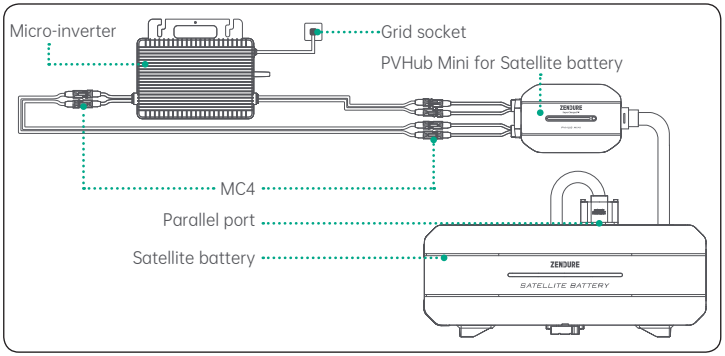
Step 1
Make sure the SBV/Satelite Battery is powered off first before connect the PVHub Mini and Micro-Inverter.

Step 2
To pluy the PVHub Mini into the parallel port of SBV/Satelite Battery and MC4 connecte together with the MC4 of the micro-inverter , then plug the other end of the micro-inverter into the household mains socket.

Step 3
Make sure the connections above before turning on the SBV/Satelite Battery

See below connection guideline pictures :





Step 4
To open the App and pair it with the SBV/Satelite Battery. After pairing successfully , to set start output power from the SBV/Satelite Battery on the App .

Step 5
Then open the App and press and hold the IoT button for 3 seconds to pair with PVHub. At this time, the IoT indicator light flashes white quickly. After the pairing is completed, the IoT indicator light stays green.

Step 6
Then to set connection with the Micro-inverter on the App by scan the barcode on the backside of the Micro-inverter.

Step 7
Finally ,to set the output power of the microinverter in the App and it will work normally.

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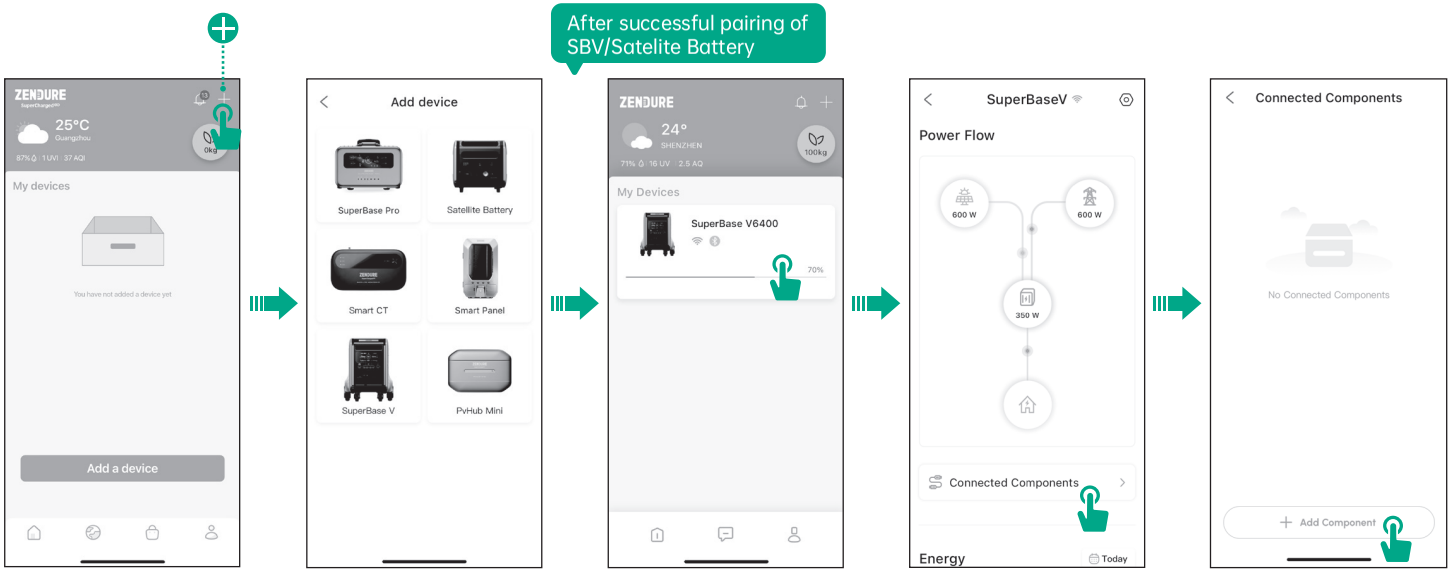
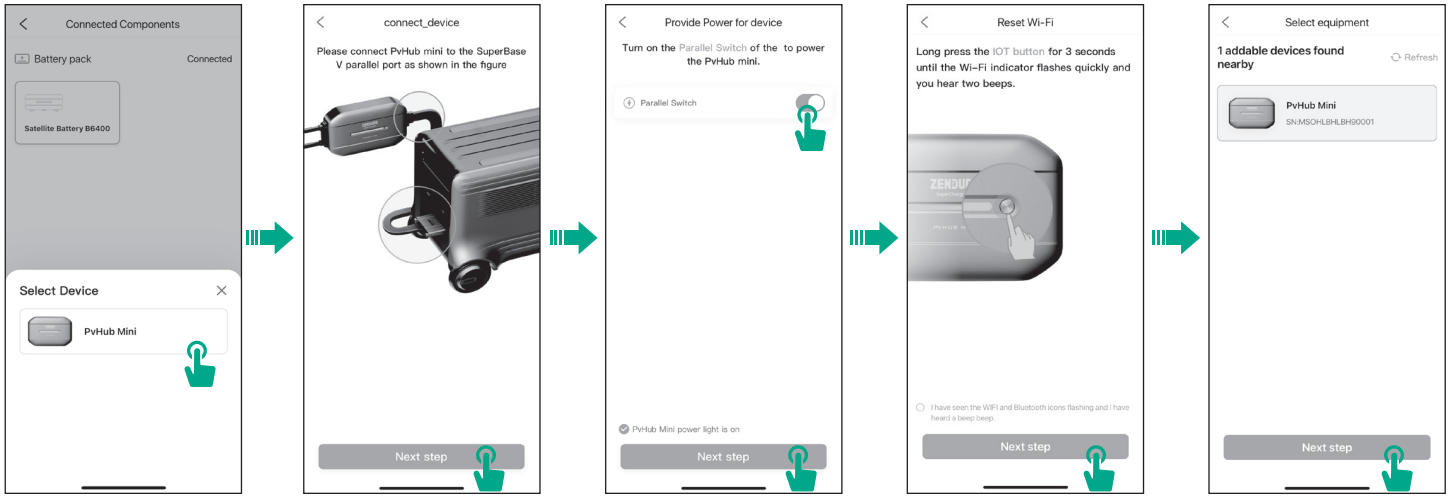

After successful pairing of SBV/Satelite Battery
ZENDURE
25°C
Guangzhou
My devices
You have not added a device yet
Add a device
Add device
SuperBase Pro
Satellite Battery
Smart CT
Smart Panel
SuperBase V
PvHub Mini
ZENDURE
24°
SHENZHEN
My Devices
SuperBase V6400
70%
SuperBaseV
Power Flow
600 W
600 W
350 W
Connected Components
Energy
Today
Connected Components
No Connected Components
Add Component


Connected Components
Battery pack
Connected
Satellite Battery B6400
Select Device
PvHub Mini
connect_device
Please connect PvHub mini to the SuperBase V parallel port as shown in the figure
Next step
Provide Power for device
Turn on the Parallel Switch of the to power the PvHub mini.
Parallel Switch
PvHub Mini power light is on
Next step
Reset Wi-Fi
Long press the IOT button for 3 seconds until the Wi-Fi indicator flashes quickly and you hear two beeps.
I have seen the WIFI and Bluetooth icons flashing and I have heard a beep beep.
Next step
Select equipment
1 addable devices found nearby
Refresh
PvHub Mini
SN:MSOHL8HL8H900001
Next step

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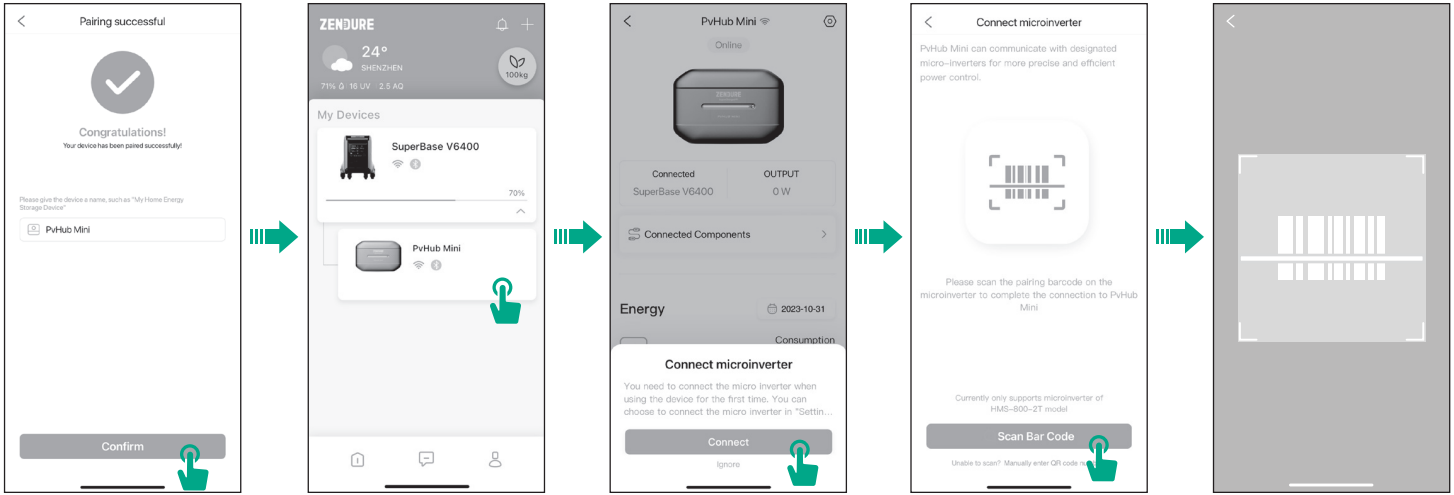
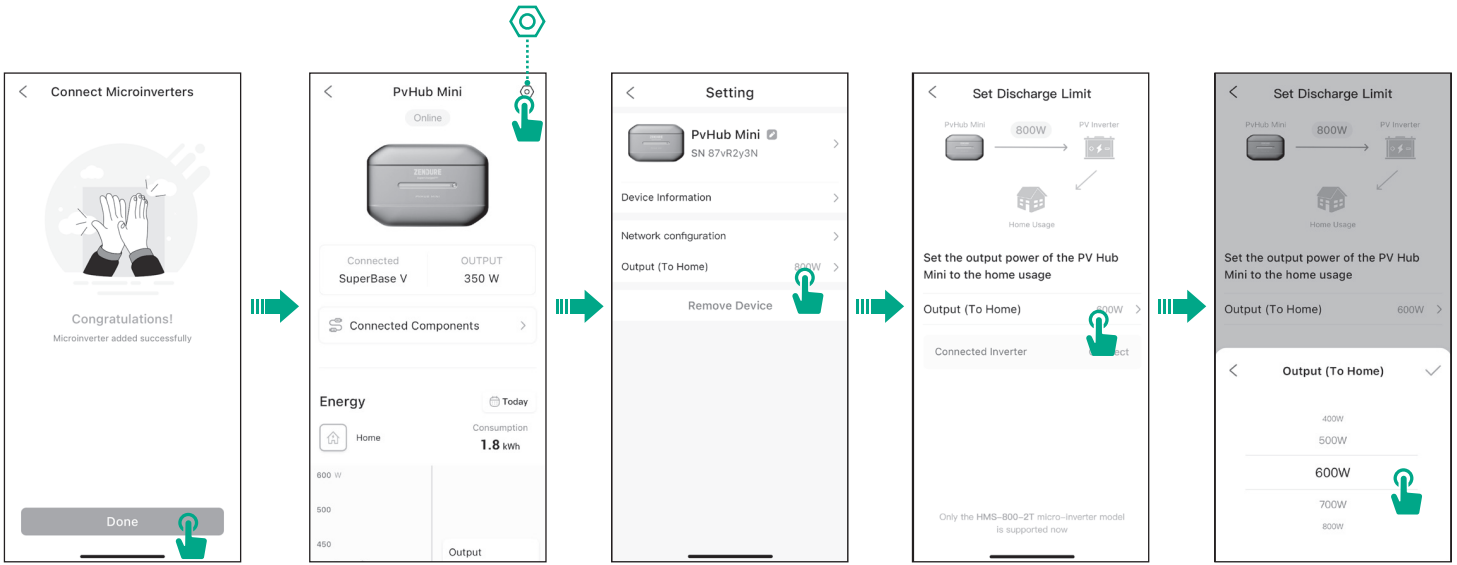

Pairing successful
Congratulations!
Your device has been paired successfully!
Please give the device a name, such as "My Home Energy Storage Device"
PvHub Mini
Confirm
ZENDURE
24°
SHENZHEN
71% 0 16 UV 2.5 AQ
100kg
My Devices
SuperBase V6400
70%
PvHub Mini
PvHub Mini
Online
Connected
SuperBase V6400
OUTPUT
0 W
Connected Components
Energy
2023-10-31
Consumption
Connect microinverter
You need to connect the micro inverter when using the device for the first time. You can choose to connect the micro inverter in "Settin...
Connect
Ignore
Connect microinverter
PvHub Mini can communicate with designated micro-inverters for more precise and efficient power control.
Please scan the pairing barcode on the microinverter to complete the connection to PvHub Mini
Currently only supports microinverter of HMS-800-2T model
Scan Bar Code
Unable to scan? Manually enter QR code n...


Connect Microinverters
Congratulations!
Microinverter added successfully
Done
PvHub Mini
Online
Connected
SuperBase V
OUTPUT
350 W
Connected Components
Energy
Today
Home
Consumption
1.8 kWh
600 W
500
450
Output
Setting
PvHub Mini
SN 87vR2y3N
Device Information
Network configuration
Output (To Home)
800W
Remove Device
Set Discharge Limit
PvHub Mini
800W
PV Inverter
Home Usage
Set the output power of the PV Hub Mini to the home usage
Output (To Home)
800W
Connected Inverter
Only the HMS-800-2T micro-inverter model is supported now
Set Discharge Limit
PvHub Mini
800W
PV Inverter
Home Usage
Set the output power of the PV Hub Mini to the home usage
Output (To Home)
600W
Output (To Home)
400W
500W
600W
700W
800W

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3.5 Firmware Update

Firmware Update

When using your PVHub Mini for the first time, please check for the latest firmware using the Zendure app.
The app facilities over-the-air (OTA) updates.

Read the Zendure app user guide and access the download link here: https://app.zendure.com/download
https://zendure.com/pages/download-center

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Tips:

- Do not turn off the device while firmware is updating.
- Please update the firmware when the capacity is more than 20%, if Home Panel power by the SBV or Satelite Battery. in order to have enough power to complete the update.

4. FAQ

Q: Can the SBV/satellite battery pack be expanded in parallel when connected to PVHub Mini?

A: No.

Q: Can photovoltaic panels be connected when PVHub Mini is connected?

A: Yes. The XT-90 interface of SBV is 12-60VDC, 25A, 15,00W Max; the XT-90 interface of satellite battery pack is 12-60VDC, 10A, 600W Max.

Q: When connecti ng to PVHub Mini, can I connect to the Home panel?

A: Yes.

Q: After connecting the PVHub Mini, will the SBV/satellite battery pack output power to the PVHub Mini after it is turned on?

A: To power on the SBV/satellite battery pack, you need to connect to the App, and set up on the App to turn on the parallel port output to supply power to the PVHub Mini.

Q: Can the microinverter output power be adjusted?

A: Yes, settings and adjustments can be made on the App.

Q: When the SBV/satellite battery pack is connected to the PVHub Mini, do other AC/DC output ports still output?

A: There is output.

Q: Can PVHub Mini be connected to its brand of microinverters?

A: Not yet.

5. Troubleshooting

Indicator & alarm	Potential issue	Solution
Red fault indicator on & 5 beeps	Communication /Pairing connection /Un-match Micro-inverter	Turn off the machine and turn on to pairing again/connect the match Micro-inverter .
In case any other questions , please refer to the Zendure App for details. Or contact Zendure Customer Service for further information.		

https://zendure.com

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