Manuals+ — User Manuals Simplified.

ZDHUB2000
Solar
Flow
System

ZENDURE ZDHUB2000 Solar Flow System User Manual

Contents

ZENDURE ZDHUB2000 Solar Flow System

Product Usage Instructions

Initial Setup

Before using the Hub 2000, please ensure that all components are undamaged and cables are intact. Keep a distance of 50mm between the Hub 2000 and other objects.

Connection to SolarFlow System

The Hub 2000 is designed to work with the SolarFlow system, including compatible battery models AB1000, AB2000, or SuperBase V. Ensure proper connections as per the user manual of the respective battery model.

Powering On/Off

To power on/off the Hub 2000, use the designated power button or follow the instructions provided in the user manual.

Monitoring and Maintenance

Regularly monitor the Hub 2000 for any abnormalities or performance issues. Refer to the user manual for maintenance guidelines and troubleshooting steps.

Frequently Asked Questions

- **Q: Can the Hub 2000 be used during power outages?**
  - A: No, the Hub 2000 cannot be used during power outages as per the product specifications.
- **Q: What is the wireless type supported by the Hub 2000?**
  - A: The Hub 2000 supports Bluetooth, 2.4GHz, and 5GHz Wi-Fi wireless types.
- **Q: How many MPPTs does the Hub 2000 have?**
  - A: The Hub 2000 has 2 Maximum Power Point Trackers (MPPTs).

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.

Before You Begin

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

Specifications

SolarFlow system include Hub 2000 and Add-on battery AB1000 or AB2000 or SuperBase V. SolarFlow and Microinverter constitute a small grid-connected PV energy storage system, which aims to help users to save electricity bills. This product cannot be used during power outages.

Name	Hub 2000
Model	ZDHUB2000
Weight	≈ 5.2 kg
Dimensions L*W*H	363×246×64 mm
Wireless Type	Bluetooth, 2.4GHz & 5GHz Wi-Fi
IP Level	IP65
PV Input	
Recommended Input Power	1200 W each
Maximum Input DC Voltage	60V
MPPT Voltage Range	16-60V
MPPT Full Power Voltage Range	35-60V

Min DC Input Voltage	16V
Max Input Current	2*26A
Number of MPPT	2
Output to Microinverter	
Recommended Microinverter's Power	400-1200W
Rated Output Power	1200W
Max Microinverter Output Power	1200W
Rated Output Current	30A
Nominal Voltage Range	16-60V
Efficiency	
Output Efficiency	98%
MPPT Tracking Efficiency	99%
Working Temperature (° C)	-20-45℃
Input from AB2000	
Max Input Power	1200 W
Max Input Current	25 A
Rate Voltage	48 V
Output to AB2000	
Max Input Power	1200W / 1800W(³2*AB2000)
Max Input Current	25A / 37.5A(³2*AB2000)
Voltage Range	42-54.75V
Input from AB1000	
Max Input Power	1200W
Max Input Current	25A
Rate Voltage	48V
Output to AB1000	

Max Input Power	800W*
Max Input Current	16.6A
Voltage Range	42-54.75V
Input from SuperBase V	
Max Input Power	1200W
Max Input Current	25A
Voltage Range	45-58.4V

Output to SuperBase V	
Max Input Power	1800W
Max Input Current	37.5A
Rate Voltage	45-58.4V

Hub 2000 controller doesn't include a battery pack, and the battery needs to be purchased separately. For more information about battery AB1000 or AB2000 or SuperBase V, please check the user manual of AB1000 or AB2000 or SuperBase V.

* This charging power can be upgraded to 960W with a firmware version \upgrade.

SAFETY INSTRUCTION

Usage

1. Please check whether SolarFlow is damaged, cracked, liquid leakage, heat or other abnormalities or cables are damaged before operating. If any, please stop using the product immediately and contact our customer service.
2. Keep a distance of 50mm between Hub 2000 and other objects.
3. During the operation of the solar energy system, avoid direct sunlight to\ prevent the SolarFlow system from overheating. Do not place the SolarFlow near any heat source.
4. Do not use around strong static electricity or magnetic fields.
5. It is prohibited to place the equipment in an environment with flammable, explosive gas, or smoke. Since SolarFlow relies on the shell to dissipate heat, over-temperature of the shell will lead to damage.
6. Do not attempt to replace the internal components of the equipment by any unauthorized personnel.
7. Please install the product according to our user manual to avoid damage to the product or injury to other people.
8. Ensure before finishing installation, the solar cable, the Microinverter cable to home grid are disconnected.
9. Ensure that Hub 2000 and Microinverter are installed firmly to avoid accidents and product damage caused by dropping.
10. SolarFlow has a protection level of IP65, so the product cannot be immersed in liquids. If the product accidentally falls into water during use, please place it in a safe and open area and keep it away until it is completely dry. The dried product should not be used again and should be properly disposed of according to

the disposal guidelines in this manual.

11. Please ensure proper ventilation while in use, inadequate ventilation may cause permanent damage to the equipment.
12. Do not place anything on the top of SolarFlow, please install it where people \cannot touch it.
13. Do not move or shake the unit while operating as vibrations and sudden impacts may lead to poor connections to the hardware inside.
14. Case of fire, only a dry powder fire extinguisher is suitable for the product.
15. Only clean the ports with a dry cloth.
16. Keep out of reach of children and pets.
17. For safety purposes, please use only the original charger and cables designed for the equipment. We are not liable for damage caused by third-party equipment and may render your warranty invalid

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference,and
2. This device must accept any interference received, including interference that may cause undesired operation. any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If thisequipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body.

EC DECLARATION OF CONFORMITY

ZENDURE TECHNOLOGY CO., LIMITED declares that the SolarFlow product (Hub 2000) complies with directive 2014/53/EU (RED) , 2011/65/EU(RoHS) , 2015/863/ EU(RoHS) . The full text of the Declaration of Conformity is available at the following web address : **https://zendure.de/pages/download-center**

- Declaration of conformity

The EU Declaration of Conformity can be requested at the address

https://zendure.de/pages/download-center

- Disposal

Disposal of packaging. Dispose of the packaging separately by type. Dispose of cardboard and paper in the waste paper collection. Foils for recycling collection.

- Dispose of old equipment (applies in the European Union and other European countries with separate collection (waste collection)) Old equipment must not be disposed of in household waste! Every consumer is legally obliged to dispose of old equipment that can no longer be used separately from household waste, for example at a collection point for recyclables. To ensure proper recycling and avoid negative impact on the environment, electronic devices must be taken to a collection point in their community or district. For this reason, electronic devices are marked with the symbol shown here.

Important Tips

- The solar PV system is grid-tied. Please check if it is allowed in your area. Depending on the region,of ficial approval may be required before or after installation.
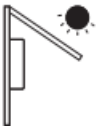
- Hub 2000 and AB1000 should be protected from direct sunlight to prevent rapid temperature increase.
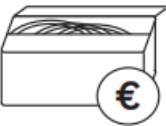
- Please check the accessories before installation, some accessories need to be purchased separately.

- After the installation, please first download the Zendure App to check electricity produced and set the power to the Microinverter.

- After SolarFlow installation, it will take about 5 minutes before it can be connected to the grid, and the data will be synchronized to the Zendure App within 20 minutes.
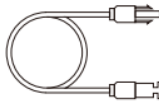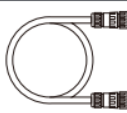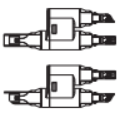
- Before setting the output to Microinverter, please confirm the rated power of your Microinverter, the output to Microinverter should not be greater than the rated power of your Microinverter.
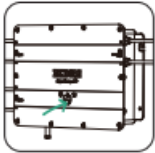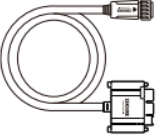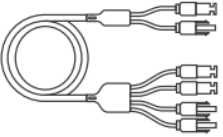
- Please turn off the device (press and hold IOT Button for 6s to shut off SolarFlow. If battery is SuperBase V and still working , then also hold its Power Button for 3s to switch it off .) for removing or installing battery.

Getting Started

What's in The Box

No.	Picture	Name	
1		Hub 2000	
2		4*Microinverter Cable 0.6m	Microinverter Cable: Used for Microinverter connection.
3		Battery Cable 1.5m	Battery Cable: Used for AB1000 orAB2000 connection.
4		User Manual	
5		6* Mounting Screws M4.7*39mm	Mounting Screws: Hooking up Hub 2000 and Microinverter.
6		1* Aerial	
7		2* Flat Washeret	Flat Washeret: Used to fixed the Microinverter.
8		A Set of Y connectors 1-to-2	

Optional Accessories (Sold Separately)

9*		1*Hub to SBV Cable	* Battery Cable: Hub to SBV Cable (not included). This will be needed in order to connect Hub 2000 to a SuperBase V.
10*		Solar Parallel Y Cable	The 2-to-4 Solar Parallel Y Cable can be purchased from Zendure.de. This will be needed to connect multiple solar panels.

Product Overview

Button:
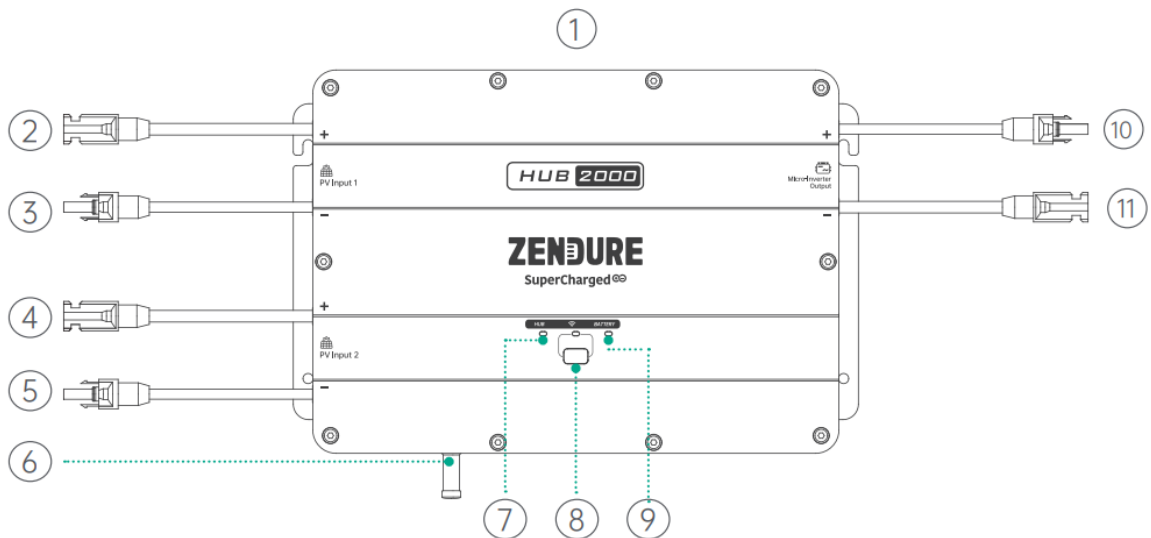
1. TOP
2. PV Input 1 positive electrode
3. PV Input 1 negative electrode
4. PV Input 2 positive electrode
5. PV Input 2 negative electrode
6. Aerial
7. Hub Status Indicator
8. IoT Button & Indicator
9. Battery Status Indicator
10. Microinverter Output positive electrode
11. Microinverter Output negative electrode
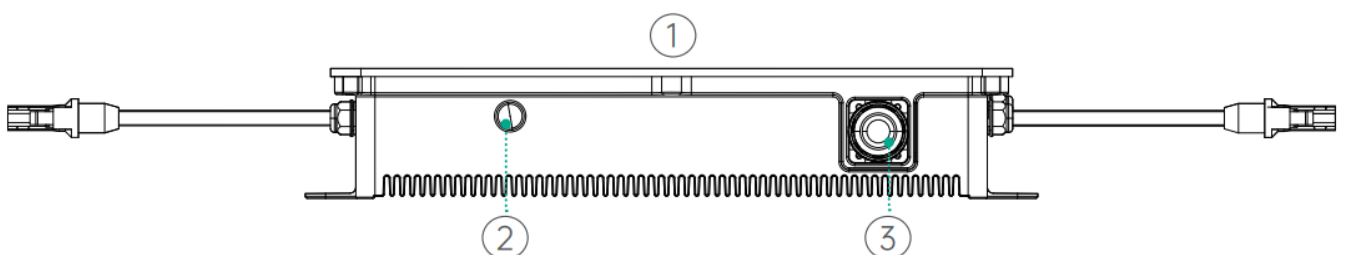
1. Bottom
2. Aerial Port
3. Battery Port

IoT Connection: After Hub 2000 is powered on, the IoT indicator starts to flash rapidly, and the device automatically enters the IoT connection. Users can directly connect to IoT on Zendure App.

Tips:

- After the device is bound to Zendure Apps, when SolarFlow is turned on again, the IoT indicator light flashes slowly until it can communicate with the Zendure App.
- If you want to re-bind the account and reset the IoT connection, please press and hold the IoT button for 3 seconds to start the IoT connection.
- Hub 2000 & AB1000o r AB2000 or SuperBase V Hardware Reset: Press and hold the IoT button 10 seconds to reset Hub 2000 & AB1000 or AB2000 or SuperBase V.

Tips:

- Both Solar panels and AB1000 or AB2000 or SuperBase V power supply can wake up Hub 2000.
- If the Hub 2000 is connected to a SuperBase V, it is recommended that you include at least one Solar Panel in your system, connected to the battery using a Solar Connector to XT-90 Cable. This will allow the battery to "wake up" even
- if its energy is completely drained, as long as there is some power coming in from the solar panel.
- If the battery completely drained, please follow the steps below to reactivate it.
- If there is input power available, press the Power Button for 1 second on the battery to initiate charging.
- If there is no input power available, you will need to supply the battery with AC power first.
- To protect the battery, AB1000 or AB2000 will be turned off at the factory, so please activate the battery by turning on SolarFlow for the first time (press and hold the IoT button for 2 seconds).
- Before unplugging a connection, please turn off SolarFlow .

Operation Guidelines:

Tips:

- The working process of SolarFlow is as follows:
- First, the Hub 2000 will be powered on, and then it will enter the working state (the Hub 2000 indicator will lit green), second the IoT function will be awakened, and the device will directly enter the Wi-Fi connecting state (the IoT indicator flashes green), and finally, the Hub 2000 will send a signal to activate AB1000 or AB2000 (the AB1000 or AB2000 indicator flashes green for 2 seconds before entering a steady state).
- If you're using a SuperBase V, please follow the steps below to power up your Hub 2000 and establish the IOT connection.

1. Press and hold the SuperBase V Power Button for 1 second to turn it on.
2. Open the Zendure App, then press and hold the IOT Button on your SuperBase V for 3 seconds.
3. In the app, turn on the Parallel Switch to provide power to the Hub 2000.

4. Press and hold the IOT Button of your Hub 2000 for 3 seconds to finish making the connection.

Operation Guidelines:

Item	Item	How To	LED Indicator
Hub 2000	Power-ups	Connect PV or AB1000 or AB2000 or SuperBase	Hub 2000 indicator lits green
	Power outage	Disonnect PV or AB1000 or AB2000 or SuperBase V	All indicators not be lit
	start IoT Connection	After Hub 2000 Power-ups	IoT indicator flashes green slowly
	IoT Connecting	After Hub 2000 power-ups	IoT indicators flashes green
	Finishing IoT Connection	/	IoT indicator lits green
	Reset IoT Connection	Press and hold IoT button for 3 seconds	IoT indicators flashes green
	Turn off IoT	Press and hold the IoT button 1 seconds	IoT indicators not be lit
	Turn on IoT	Press and hold the IoT button 1 seconds	IoT indicators flash green
	overvoltage reminding / overcurrent reminding / short circuit reminding / error reminding	Please stop using it immediately, check the detailed error information in the Zendure APP, and contact customer service	Hub 2000 Indicator flashes red
	AB1000 or AB2000 connection	After Hub 2000 Power-ups	AB1000 or AB2000 indicator flashes green for 2s and then stays lit green
	AB1000 or AB2000 or SuperBase V recharging	/	1) AB1000 or AB2000 Indicator flashes green. 2) SuperBase V will display Input Power on the Screen.

AB1000or A B2000 or SuperBase V	AB1000 or AB2000 or SuperBase V battery left capacity	Display on Zendure App,Download the Zendure App and bind Solar Flow. SuperBase V and Satellite Batteries will also appear on the Display.	/
	low power reminding	Display on Zendure App, Download the Zendure App and bind Solar Flow	AB1000 or AB2000: Indicator will turn red. SuperBase V: The Power Ring or Power Indicator will flash for 30 seconds when the State of Charge (SOC) is low (10% to 20%). Additionally, it will beep 5 times when the SOC drops to 5%.
	Low-temperature warning	Waiting until the temperature is normal before using	1) AB1000 or AB2000 indicator lit red . 2 SuperBase V : Low- or High-Temperature Warning flashes on the screen.
	high-temperature warning		
	overvoltage reminding / overcurrent reminding / short circuit reminding / error reminding	Please stop using it immediately, check the detailed error information in the Zendure APP, and contact customer service	AB1000 or AB2000: Indicator will turn red. SuperBase V: Battery Failure and Error Code flashes on Display.

Item	How To	LED Indicator
Turn on SolarFlow	If the battery is an AB1000 or AB 2000, press and hold the IOT Button for 2 seconds to turn it on. If the battery is a SuperBase V, press and hold the Power Button for 1 second to turn on the SuperBase V, open the Zendure App, then press and hold the IOT Button on the SuperBase V for 3 seconds. Then, using the app, turn on the Parallel Switch to provide power to the Hub 2000.	• Hub 2000 indicator lits green • IoT indicator flashes green • AB1000 or AB2000 indicator flashes green for 2s and then stays lit green
Turn off SolarFlow	Press and hold the IOT Button for 6 seconds to turn off SolarFlow. If your system includes a SuperBase V, and that device is still running, press and hold its Power Buton for 3 seconds to turn it off.	All indicators not be lit
Hub 2000 & AB1000or AB2000 or SuperBase V Hardware Reset	Press and hold the IoT button 10 seconds	/
Hub 2000 & AB1000or AB2000 or SuperBase V OTA	Download the Zendure App to OTA	/

Tips:

- Choose one of bluetooth or Wi-Fi on the Zendure App, Wi-Fi is preferred.
- When your Hub 2000 is connected to either a SuperBase V, and power is being supplied to the solar input, your Hub 2000 will automatically turn on.

If no battery is connected within 5 minutes, the Hub 2000 will initially switch to bypass mode and direct power to the micro-inverter (at a default output of 200W, determined in the Zendure App). However, if a SuperBase V is connected within this 5-minute window, the SolarFlow will continue to operate in its default mode. If your Hub 2000 is connected to a SuperBase V, and it's still receiving solar input power after being turned off, it will turn itself back on after 10 minutes and operate in bypass mode, directing power to the micro-invertor at a default of 200W (determined in the Zendure App). If your Hub 2000 loses its Wi-Fi connection while receiving solar power, it will automatically switch to bypass mode and output power to the micro-inverter at a default of 200W (determined by the Zendure App).

Installation

- If you wish to verify and commission your solar system immediately, complete the installation when the weather

is sunny.

- It is recommended that at least two people participate in the installation.
- Please remember whether connecting or disconnecting Hub 2000 with AB1000 or AB2000 or SuperBase V , solar panels or Microinverters. make sure SolarFlow is turned off by way of below .
- Press and hold IOT Button for 6s to shut off SolarFlow.

If battery is SuperBase V and still working , then also hold its Power Button for 3s to switch it off.

Installation Steps Overview

- A. Disconnect the solar panel, Microinverter and the home grid
- B. Install Hub 2000
- C. Install Smart Microinverter
- D. Find a place to stack AB1000 or AB2000 or SuperBase V .
- E. Connect the top one AB1000 or AB2000 or SuperBase V to the Hub 2000
- F. Connect the Microinverter to the home grid
- G. Connect the solar panels to the Hub 2000
- H. Scan the QR code and download the Zendure app. Follow the instructions of the app to set up the device. After 20 minutes, you will get the SolarFlow power storage system's data on your Zendure app.

Tips:

According to the government's regulations and to ensure safety, the Microinverter can only start working after connecting to a powered grid for 5 minutes. To improve the accuracy of the data, the system will verify and validate it for 15 minutes before showing it on the app.

Installation Tools

Before installation, please check all accessories and prepare the following tools (tools are not included in the purchase)
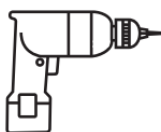
|		
Phillips Screwdriver	Hexagon Wrench	Work Gloves
Electric Drill	Marker Pen	Tape Measure

Disconnection

Tips The method of disassembly is subject to the instructions of the Microinverter, and please confirm the warranty terms of the microinverter before disassembly.

If you have installed the balcony solar system, you need to disconnect it according to the following steps:
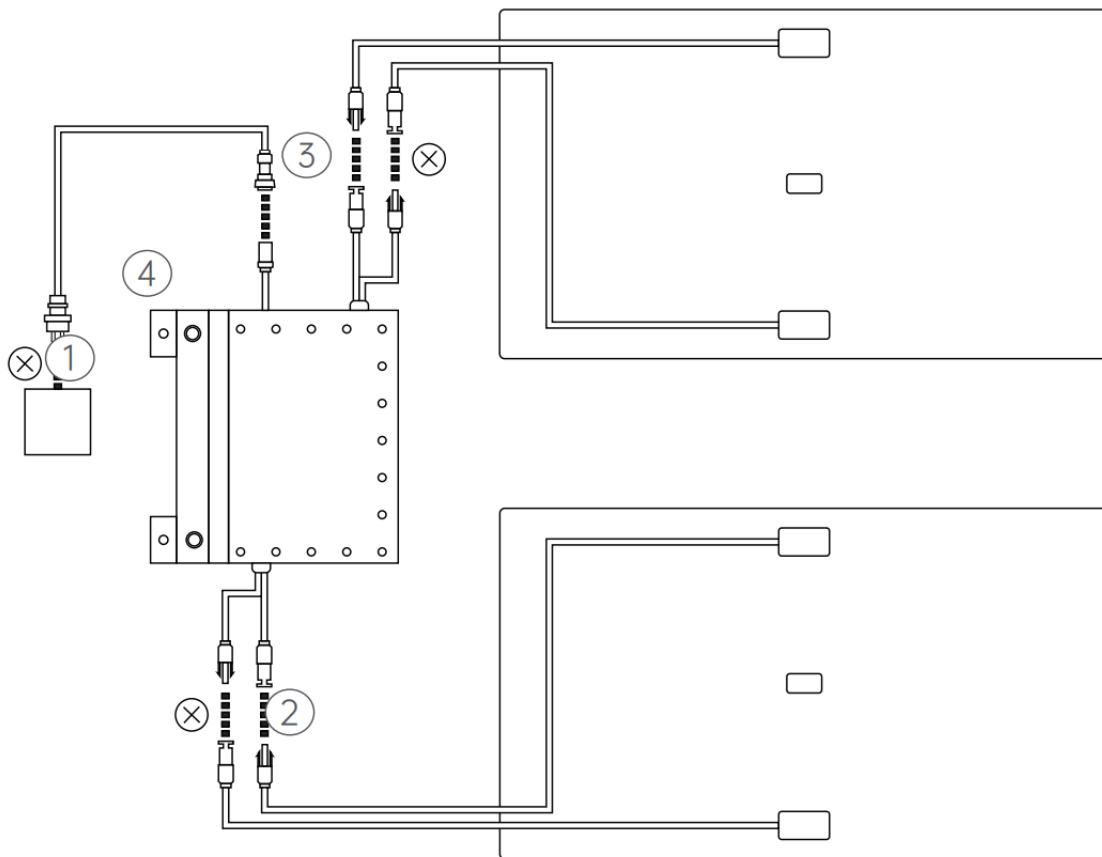
1. Unplug the cables of the Microinverter and the home grid.
2. Only unplug the cables of the first solar panel and the Microinverter.

   Tips: The installation of the solar panel does not need to be moved unless you want to change the location.
3. The same way to unplug the cables of the second solar panel and the Microinverter.
4. Unscrew the mounting screws of the Microinverter, remove the Microinverter fixed on the solar panel or metal bracket.

   Tips: Ensure that the state after disconnection is as shown in the following figure.
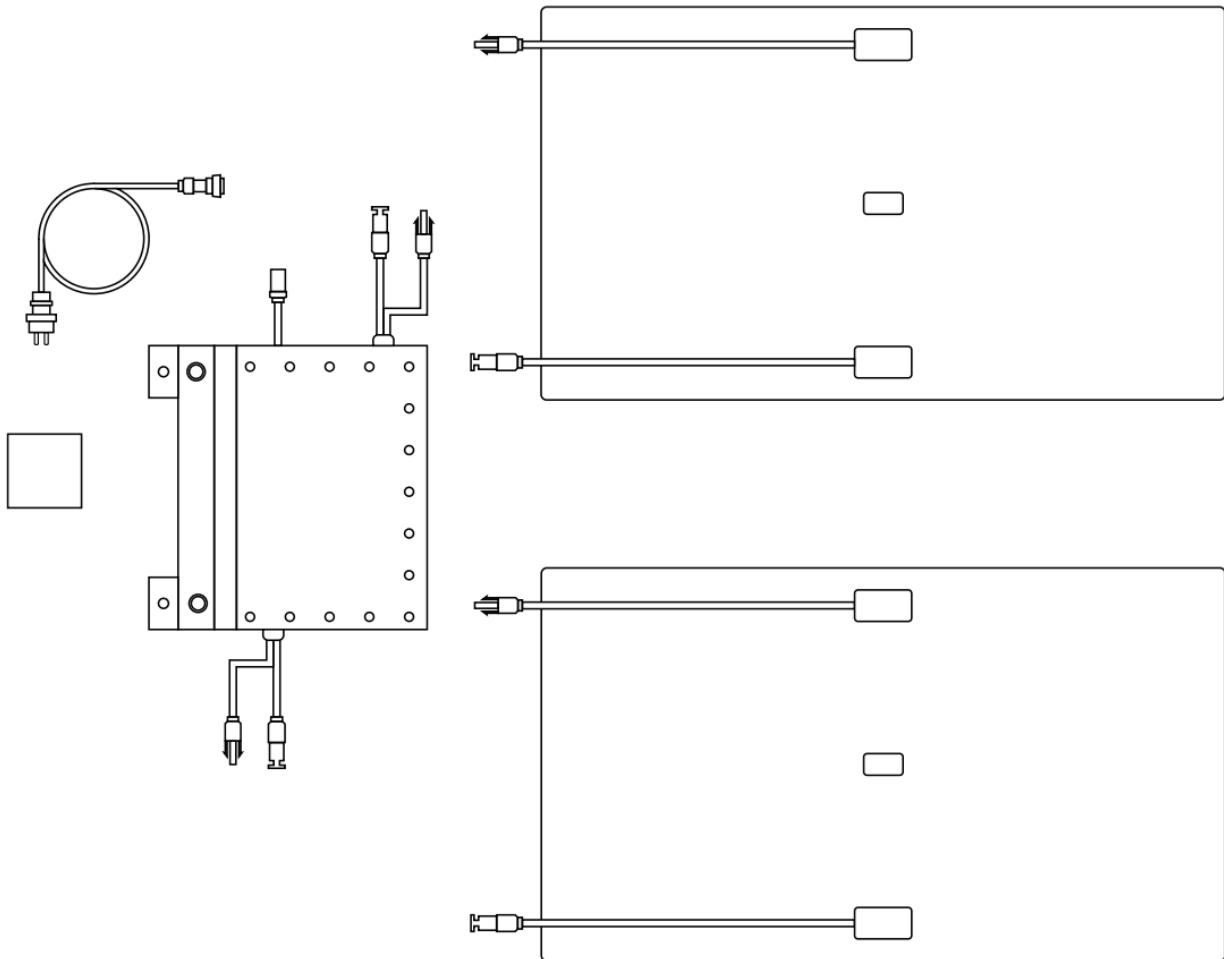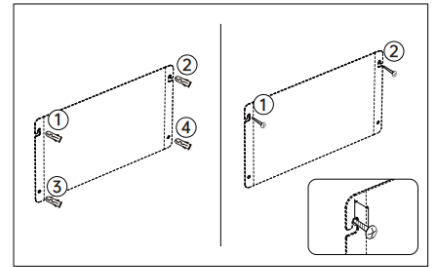
Install Hub 2000

Tips:

- Please install the Hub 2000 in a place out of direct sunlight.
- The length of our solar cables are 3 meter need to be purchased additionally , so before confirming the location of the Hub 2000's installation, please measure the distance from Solar connector of solar panel to Solar connector of Hub 2000.
- The Hub 2000 does not come with a Wi-Fi antenna installed. Please install the Wi-Fi antenna on the Smart PVHub before mounting it on the wall.
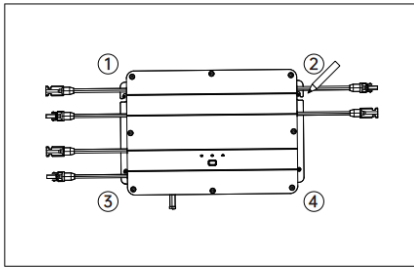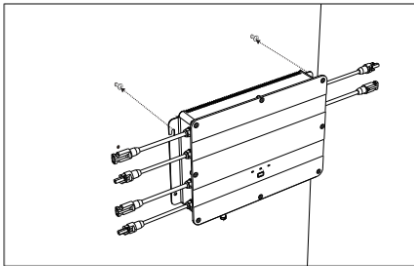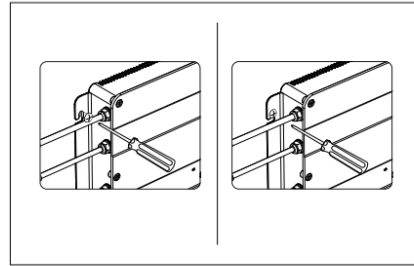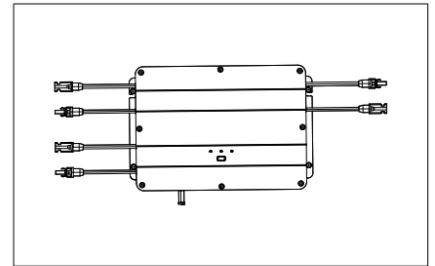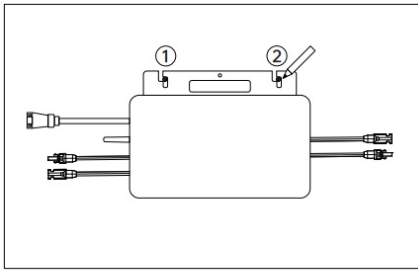
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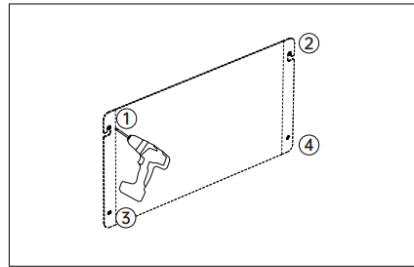
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1. Mark Location, Find a wall you plan to install, one person fixes the Hub 2000 on the wall with his hands, and the other person marks the positions of the four screw holes of the Hub 2000 with a marker.
2. Drilling, drill four diameter 8mm mounting holes at the four marked positions.
3. Installing screws, first Respectively Install the yellow plastic expansion screw tube into the 4 holes which is step 3 drilling, then screw 2/3 of the 1 & 2 screws into the yellow plastic expansion tube.
4. Hang Hub 2000, please hang the Hub 2000 on the exposed part of the screw 1 & 2.
5. One person fixes the Hub 2000 with both hands, and the other one screws the rest of 1 & 2 screws into the wall completely.
6. Install another two screws, screw 3 and 4 into the yellow plastic expansion tube and completely into the wall. In this way, you have completed the installation of Hub 2000.
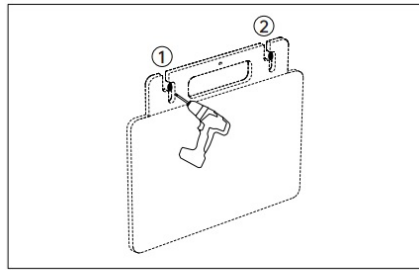
Install Microinverter

Tips: The method of assembly is subject to the instructions of the Microinverter.
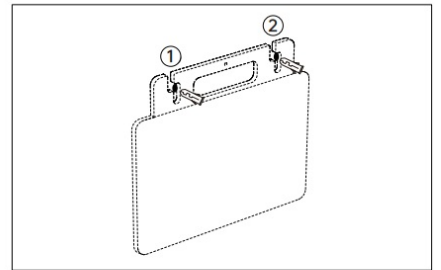
- In order to less connections, it is recommended that a Microinverter is installed between Hub 2000 and home socket, close to the PV Hub.
- Ensure a distance of at least 50mm between the Hub 2000 and the Microinverter to dissipate heat.
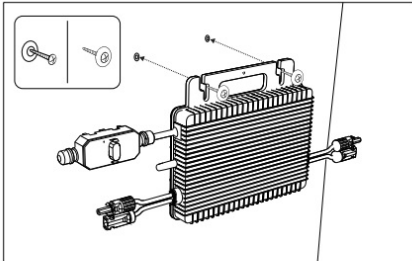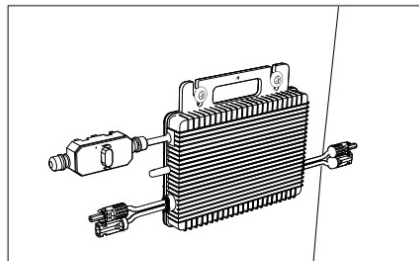
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1. Mark Location, Find a position next to Hub 2000, one person fixes the Microinverter on the wall with his hands, and the other person marks the positions of the two screw holes of the Microinverter with a marker.
2. Drilling, drill two diameter 8mm mounting holes at the two marked positions.
3. Installing yellow plastic expansion tube of screws, Respectively Install the yellow plastic expansion screw tube into the two holes which step 2 drilling.
4. Installing the Microinverter, One person fixes the Microinverter with both hands on the wall and aligns the hole drilling in step 2, then put the flat Washers on
   the screws, at last screw 1 & 2 screws with flat Washer into the yellow plastic expansion tube .
5. Tighten the screws screws the rest of 1 & 2 screws into the wall completely.Then you also have completed the installation of the Microinverter.

Stack AB1000 or AB2000

Before stacking AB1000 or AB2000, please pay attention to the note on the top of AB1000 or AB2000.
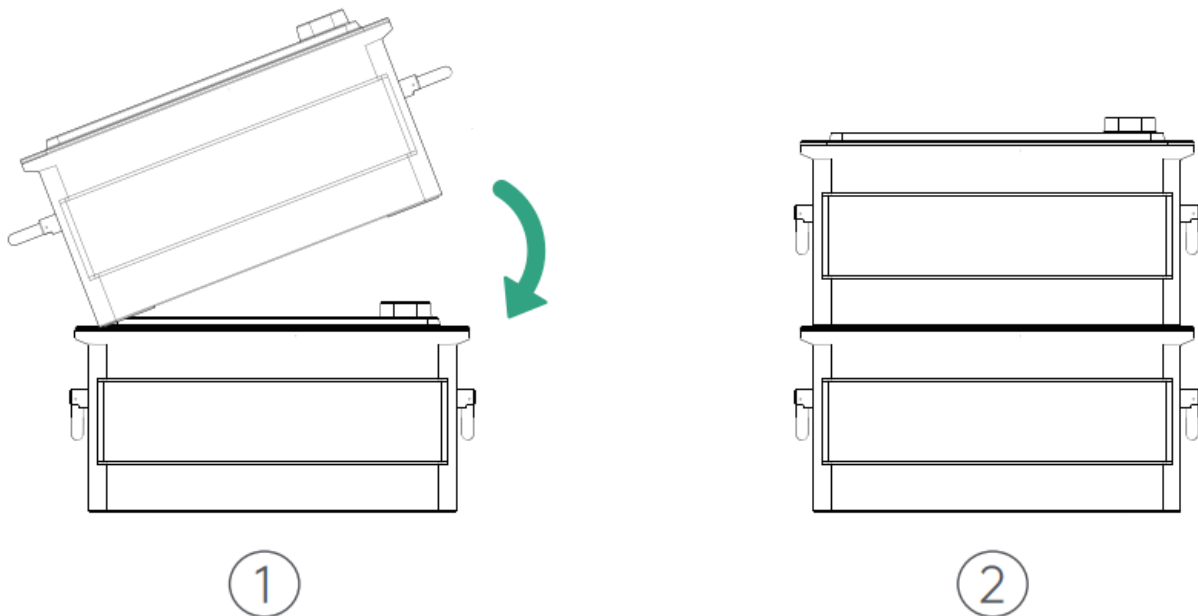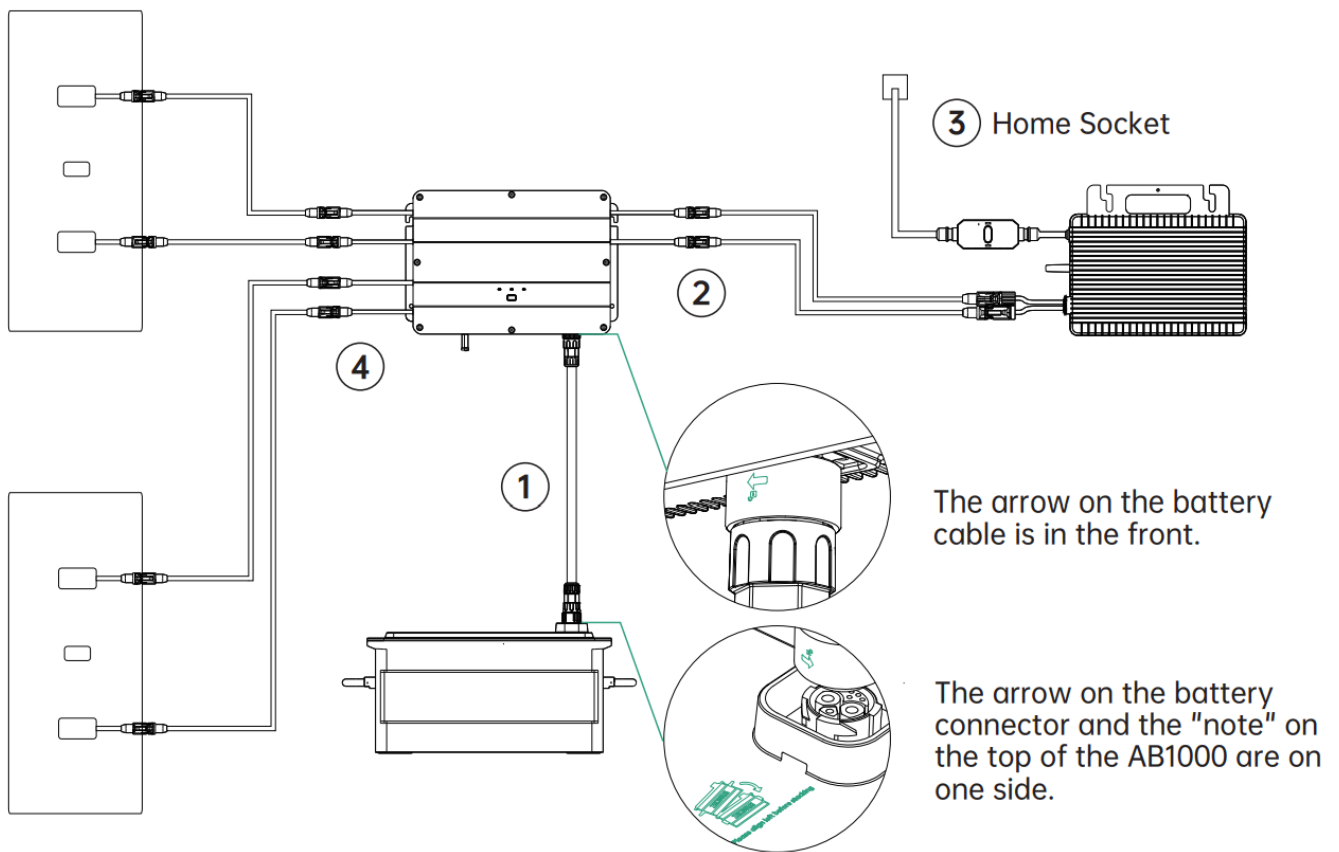
1. Remove the plastic protective covers on the connection port, then please align the left side first.
2. Slowly insert the battery connection port.

    Tips: The Hub 2000 can only be connected to a SuperBase V without a Satellite Battery, Multiple batteries are not supported.

Connect with Cables

Tips: Before connecting the cable, please make sure that the product is turned off. Press and hold IOT Button for 6s to shut off SolarFlow. If battery is SuperBase V and still working , then also hold its Power Button for 3s to switch it off .
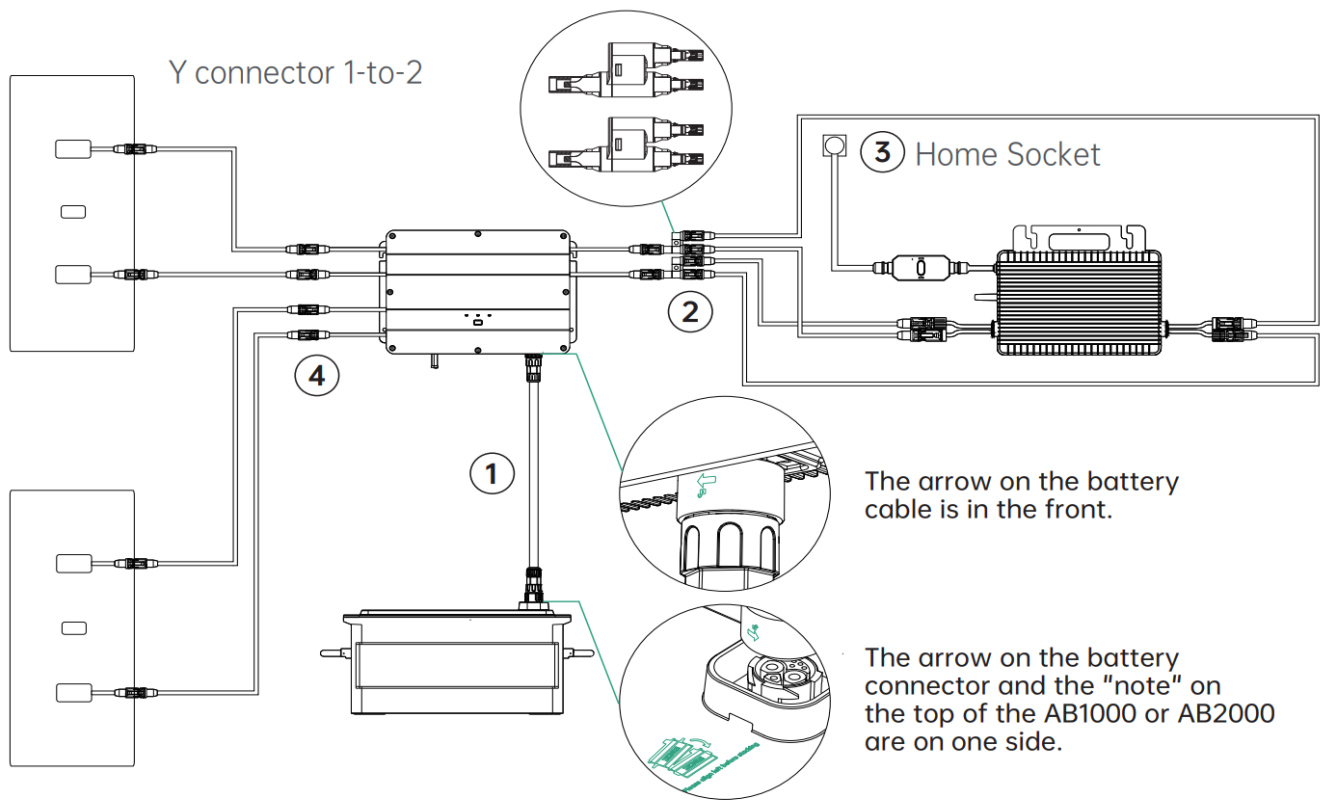
Cable Connection For 1-in-1 Microinverter

③ Home Socket

The arrow on the battery cable is in the front.

The arrow on the battery connector and the "note" on the top of the AB1000 are on one side.
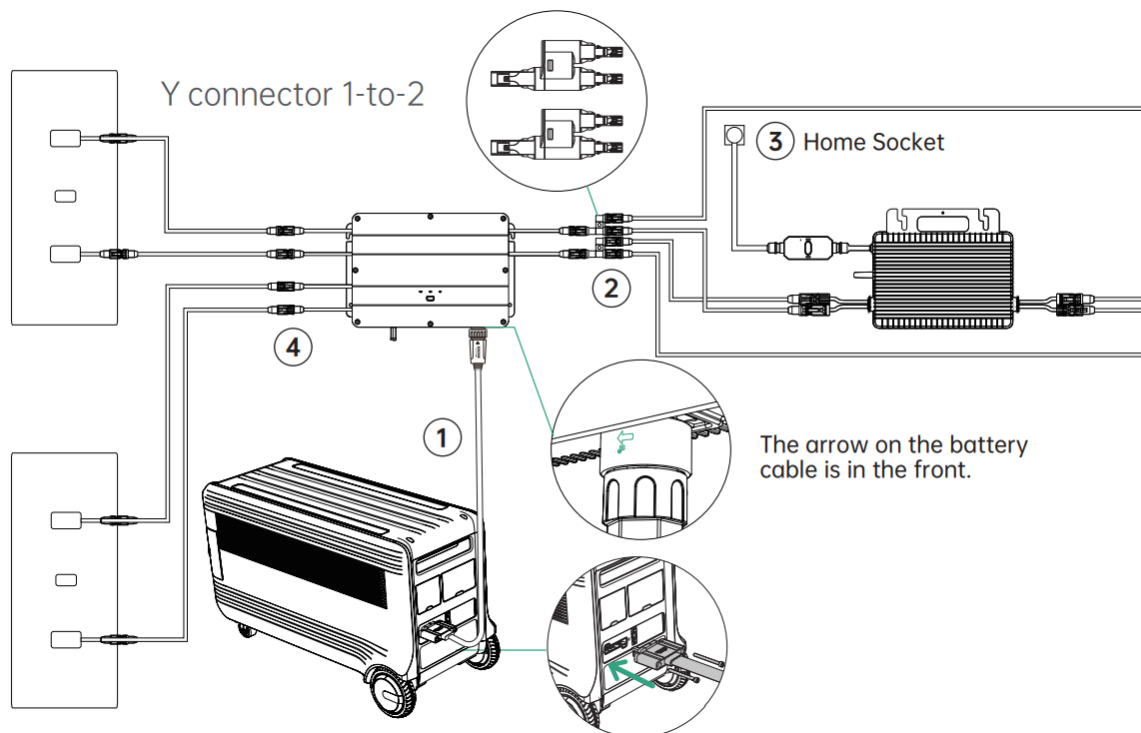
1. Connect AB1000 or AB2000 or SuperBase V to Hub 2000 with the battery cable, The terminals of the battery cable can be self-locking, when you hear a click, you have inserted the battery cable well. Be sure to tighten the connector screws for a secure connection to your SuperBase V.
2. Connect Hub 2000 to Microinverter with Microinverter cable.
3. Connect the Microinverter to the home socket with your original cable.
4. Connect the solar panel to Hub 2000.
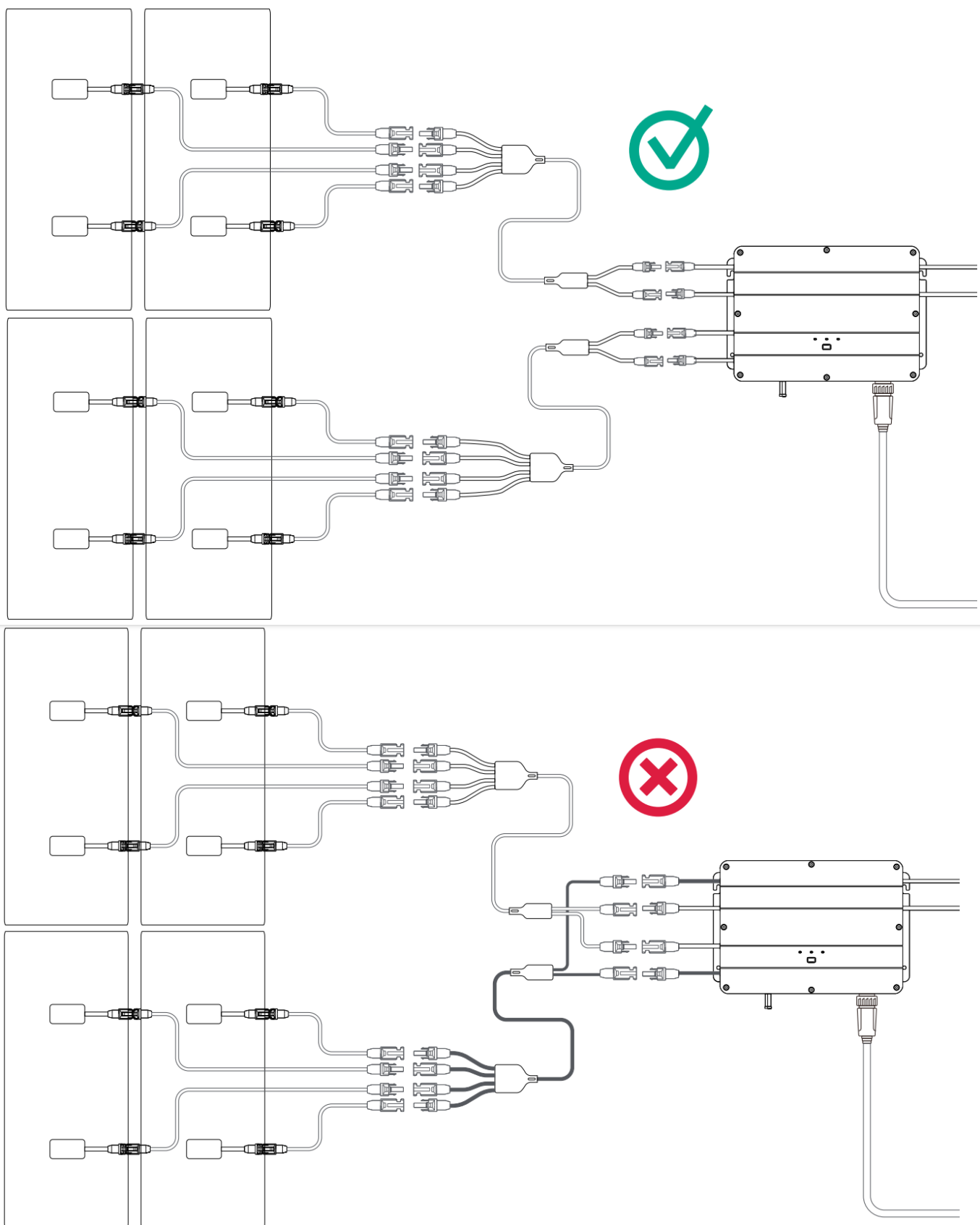   Tips: You must connect AB1000 or AB2000 or SuperBase V first and then connect the solar panels.

Cable Connection For 2-in-1 Microinverter

Y connector 1-to-2

③ Home Socket

④

①

The arrow on the battery cable is in the front.

The arrow on the battery connector and the "note" on the top of the AB1000 or AB2000 are on one side.

Cable Connection For SuperBase V

Y connector 1-to-2

③ Home Socket

④

②

①

The arrow on the battery cable is in the front.

Cable Connection For Four Solar Panels

1. Connect the Hub 2000 to up to four solar panels using two Solar Parallel Y Cables*.

2. Please ensure that when connecting two solar panels in parallel, they are connected to the same PV input port. Do not connect the positive and negative terminals of the parallel-connected solar panels to the PV1 and PV2 ports separately, as this may cause the equipment to malfunction or become damaged.

3. please ensure that the total operating current to each PV input port from the parallel solar panels does not exceed 26A to avoid potential overcurrent that may cause malfunction.

* The 2-to-4 Solar Parallel Y Cable needs to be purchased from Zendure official website
* We are not liable for any damages resulting from improper connections.

Tips:

- You must connect AB1000 or AB2000 or SuperBase V first and then connect the solar panels.
- After completing the connection, please turn on SolarFlow

1. If the battery is AB1000 or AB2000, then press the IOT button for 2 seconds to turn on .
2. If battery is SuperBase V, then press the power button for 1 second to turn on the Battery , open the App , press and hold the IOT button of battery for 3 seconds to finish pairing , finally , turn on the Parallel Switch to provide power to the Hub 2000.

Download the Zendure app

The Zendure App gives users the ability to allocate the power to AB1000 or AB2000 or SuperBase V and home grid and monitor power generation,the power to Microinverter can be set in a range of 100-1200W. Read the Zendure App user guide and access the download link here: **https://zendure.com/pages/download-center**.

Privacy Policy

By using Zendure Products, Applications and Services, you consent to the Zendure Terms of Use and Privacy Policy, which you can access via the "About" section of the "User" page in the Zendure App

* Add device and Update to the latest firmware version

Using the device for the first time, you need to update the firmware via the Zendure App.For more information,please check the Zendure App user guide.

* Set the power to the Microinverter

The maximum solar input power of the SolarFlow system is 800W, you can set the power to Microinverter, and the excess power will be automatically stored in the battery.For example
If the total solar input is 800W , you set 200W to Microinverter, and then there will be 600W input AB1000 or AB2000 or SuperBase V.

Tips:

- It takes a period of time for the system to grid connection, and it takes about 20 minutes to synchronize data to Zendure App, so after the installation, please wait 20 minutes before going to the APP settings.
- It is recommended that you as much as possible store in the battery during the day except for basic power consumption.The way to know the basic power consumption as follow:
    1. Calculate the device consumption you always run during the day or 24 hours a day, such as refrigerators, routers and standby devices.
    2. Go to the meter box right before you go to bed, write down your current meter reading and the time. As soon as you get up, you write down the meter reading and the time. You can calculate your base load from consumption and elapsed time.
    3. You can use a measuring socket that you plug between the socket and the power consumer. To calculate the base load, you collect the wattage consumed from all the devices that are constantly running (including standby) and add up the values.

Disconnection of SolarFlow

Tips:

Before disconnecting, please turn off SolarFlow Press and hold IOT Button for 6s to shut off SolarFlow. If battery is SuperBase V and still working , then also hold its Power Button for 3s to switch it off.
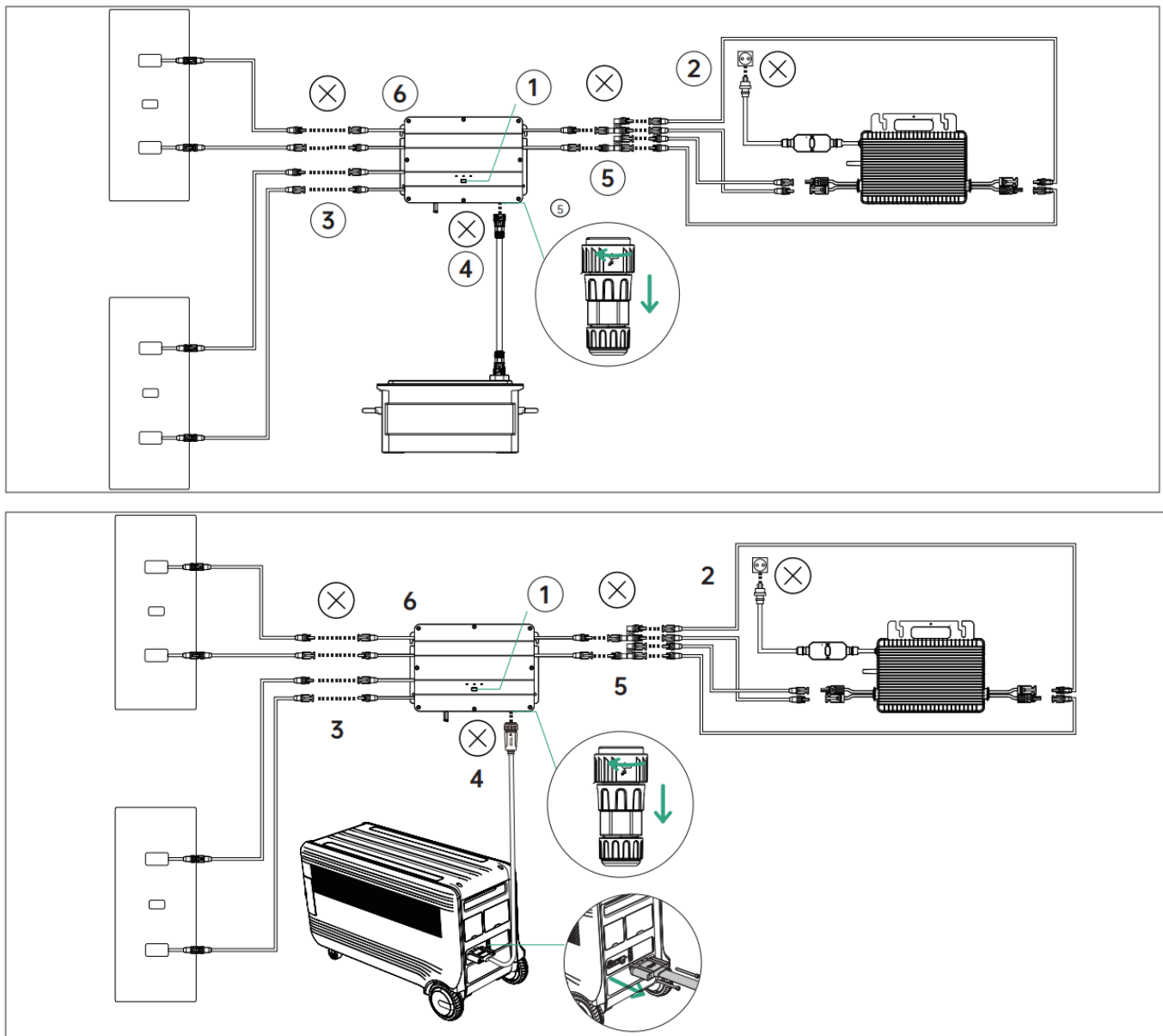
1. First, turn off SolarFlow . Press and hold IOT Button for 6s to shut off SolarFlow. If the battery is SuperBase V , then also hold its Power Button for 6s to switch it off .

2. Disconnection of home grid, unplug the cables of the Microinverter and home shuko.

3. Disconnection of solar panels, unplug the cables of the two solar panels and Hub 2000.

4. Disconnection of AB1000 or AB2000 or SuperBase V , Unplug the cables of Hub 2000 and AB1000 or AB2000 or SuperBase V.

5. Disconnection of m Microinverter,unplug the cables of Microinverter and Hub 2000.

6. Unscrew the mounting screws of Hub 2000 and Microinverter, remove Hub 2000 and Microinverter from the wall.

Tips: During the disassembly, please pay attention to storing and keeping all the parts for re-installation.

Scan the QR code to access the complete user manual.

Please scan the QR code to visit the Zendure Help Center or claim the product warranty.

Contact

- Zendure USA Inc.
- ZENDURE TECHNOLOGY CO., LIMITED Hours: Mon – Fri 9:00 – 17:00
- Phone: 001-**800-991-6148** (US)
- 0049-**800-627-3067** (DE)

Support / Contact:

- **https://zendure.de/pages/contact**
- **https://eu.zendure.com/pages/contact-us**
- **https://zendure.com/pages/contact**

Website:

- **https://zendure.de**
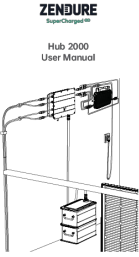- **https://eu.zendure.com**
- **https://zendure.com**

Manufacturer: Zendure Technology Co., Limited

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- Phone: 0049-**800-627-3067**

Documents / Resources

ZENDURE SuperCharged Hub 2000 User Manual	**ZENDURE ZDHUB2000 Solar Flow System** [pdf] User Manual ZDHUB2000 Solar Flow System, ZDHUB2000, Solar Flow System, Flow System, System

References

- **Zendure Deutschland | SuperCharged**
- **Contact Customer Service – Zendure – Zendure EU**
- **Contact Us – Zendure**
- **Zendure Deutschland | SuperCharged**
- **Kontaktieren Sie den Kundendienst – Zendure**
- **User Manual**