



ZENDURE AB1000S Add-on Battery User Manual

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ZENDURE
SuperCharged Ⓢ



**Add-on Battery AB1000S
User Manual**



Contact US/Claim the Product Warranty If you have any questions or need to claim the product warranty, please scan the QR code below to visit the Zendure help center and submit a ticket.

Return, Refund and Warranty Policy Please scan the QR code below for always up-to-date information on the details of the return, refund, and warranty policy for your product.

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.

1. 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>.

2. Specifications

Model	ZDAB1000S
Weight	≈ 11.5kg
Dimensions	350×200×186.5mm
Capacity	960Wh/48V
Type	LiFePO4
Output Power	1200W Max
Input Power	960W Max
Max Extend Number of Battery	4
Max Extend Capacity	3840Wh
IP Level	IP65
Color	Gray
Charging Temperature	0-55℃
Discharging Temperature	-20-60℃

3. Safety Guidelines

3.1 Usage

1. Store product in a cool and dry place.
2. Do not dispose of the product in heat or fire.
3. Do not expose to moisture or submerge it in liquid.
4. Do not use around strong static electricity or magnetic fields.
5. Do not disassemble the product. Consult official Zendure channels when service or repair is required. Incorrect disassembly or reassembly may result in a risk of fire or injury to persons.
6. When using the product, please strictly follow the operating environment temperature range specified in the user manual. If the temperature is too high, it may result in a fire or explosion; if the temperature is too low, the product performance may be severely reduced, or the product may cease to work.
7. Do not block or obstruct the fan during use or place the product in an unventilated or dusty area.
8. Ensure the product is not hit, dropped, or heavily vibrated. Securely fasten the product when transporting to avoid damage. If severely damaged, turn off the power source immediately and discontinue using the product.
9. If you accidentally drop the product into water during use, please place it in a safe open area, and stay away from it until it is completely dry. The dried product should not be used again and should be properly disposed of according to the Disposal Guide section of this manual.
10. Only clean the ports with a dry cloth.
11. Place on a flat surface to keep the product from falling over. If the product is overturned and severely damaged, turn it off immediately, place the battery in an open area, keep it away from people and combustibles, and dispose of it in accordance with local laws and regulations.

12. Keep out of reach of children and pets.

3.2 Disposal Guide

1. When possible, fully discharge the battery before disposing of it. Consult your local laws on battery recycling and disposal.
2. If the battery cannot be fully discharged due to product failure, contact a professional battery recycling company for further processing.
3. When disposing of secondary cells or batteries, keep cells or batteries of different electrochemical systems separate from each other.

3.3 FCC Caution

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.

3.4 EC DECLARATION OF CONFORMITY

ZENDURE TECHNOLOGY CO., LIMITED declares that the AB1000S product (Add on battery AB1000S) complies with directive 2014/30/EU(EMC) , 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.



Batteries and accumulators must not be disposed of in household waste! As a consumer, you are legally obliged to dispose of all batteries and accumulators, regardless of whether they contain pollutants or not, at a designated collection point. To be delivered to the collection point in your community/city or to the trade, so that they can be disposed of in an environmentally friendly way. Marked with: Cd = Cadmium, Hg = Mercury, Pb = Lead. Return your product with built-in battery only in a discharged state to your collection point!

4. Important Tips



It is recommended to use this product in an environment at 15°C ~30°C , away from water, fire and other sharp objects.



For long-term storage, please charge and discharge this product once every 3 months. That is, discharge the product to 30% first, and then recharge it to 60%.



If the power of this product is lower than 1% after use, please charge it to 60% before storing it. Leaving the battery discharged for a long time can cause irreversible damage to the battery and shorten the service life of the product.



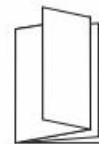
Do not disassemble the product. When service or repair is required, please consult official Zendure channels. Improper disassembly or reassembly may result in a risk of fire or personal injury.

5. Getting Started

5.1 What's in The Box

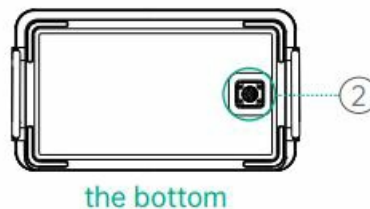


Add-on Battery AB1000S



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5.2 Product Overview

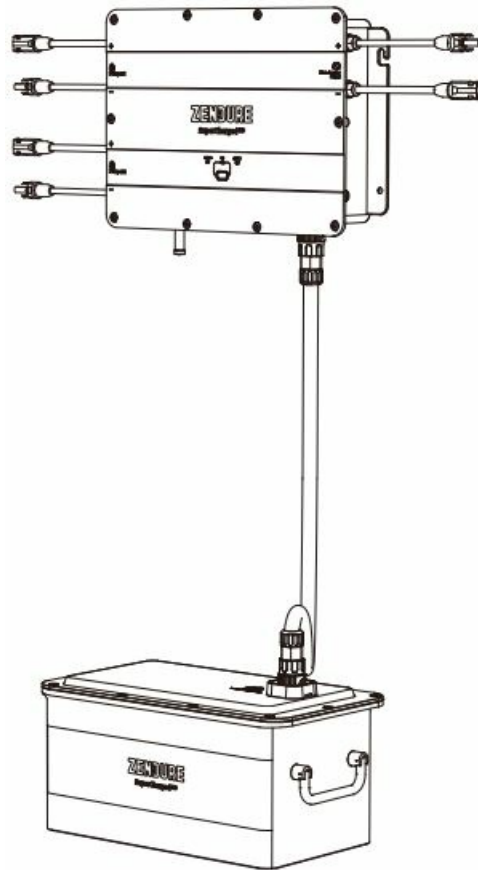


AB1000S Battery Port

1. Connect with PV Hub or AB1000S Battery
2. Connect with AB1000S Battery

5.3 Connect with PV Hub

PVHub can be connected to an AB1000S for capacity expansion. A Battery Cable (not included) is needed. Refer to the user manual of the PV Hub for detailed instructions.

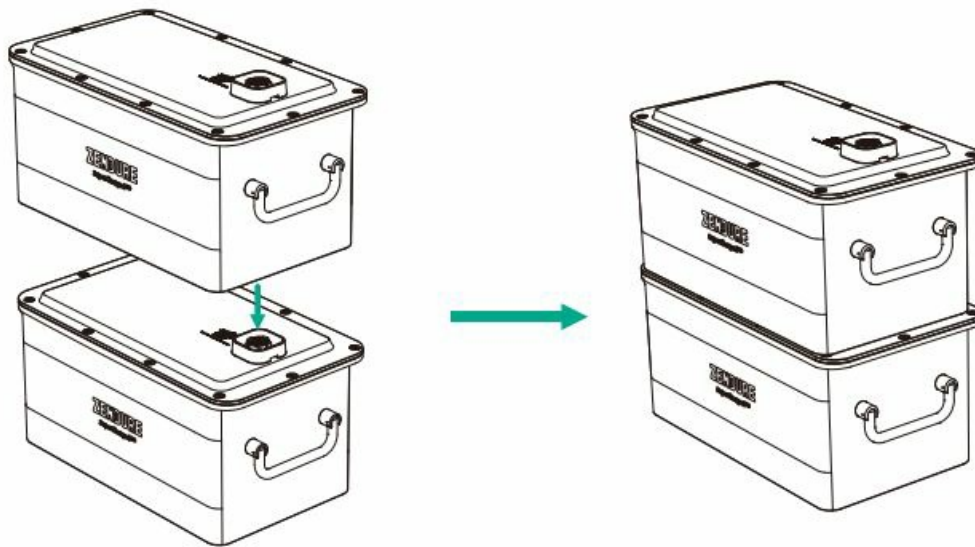


Tips:

- It's recommended that both PV Hub and AB1000S are turned off before connection.
- Make sure to tighten the screw nut after connecting the battery cable.
- The AB1000S icon will show up on the LED Light after connection; then you can start charging or discharging.
- Do not connect the PV Hub to the battery during charging/discharging process.
- Do not touch the metal pins of the ports with your hands or other objects. Gently clean them with a dry cloth when necessary.
- Tightly connect the Battery Cable with PV Hub and AB1000S. A bad connection can affect the device's performance or lead to a fire.

5.4 Connect with AB1000S

An AB1000S can be stacked on and connected to another unit. The AB1000S batteries stacked onto one another do not require a Battery Cable for connection.



Tips:

- It's recommended that AB1000S should be turned off before connection.
- Do not connect them during charging/discharging process.
- Do not touch the metal pins of the ports with your hands or other objects. Gently clean them with a dry cloth when necessary.
- Battery Mounting Bracket is optional for fixing all the AB1000S units securely.

5.5 Recharging

The AB1000S can be charged via PV Hub from the solar panel.

5.6 Firmware Update

1. When using your AB1000S for the first time, please connect it to PV Hub to check and update to the latest firmware.
2. Zendure App over-the-air (OTA) update Read the Zendure App user guide and access the download link here:
<https://zendure.com/pages/download-center>



<https://app.zendure.com/download/>

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Tips:

- Do Not turn off the device during the firmware update.
- Please update the firmware when the capacity is more than 20%, in order to have enough power to complete the update.

6. FAQs

1. How many AB1000S batteries can be connected to a single PV Hub?
 - For each PV Hub, you can connect up to 4 AB1000S units.
2. Can it be charged and discharged at the same time? No, the AB1000S's input/output connections use the same port.
3. Can an AB1000S be charged with solar panels from a different brand?
 - Yes, AB1000S can be charged by other solar panels.

Please connect the solar panels to the PV Hub, and charge the AB1000S through the PV Hub.
4. How do I store my AB1000S?
 - For long-term storage, please charge and discharge this product once every 3 months.

That is, discharge the product to 20% first, and then recharge it to 80%.




<http://www.zendure.com>

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Documents / Resources

	<p>ZENDURE AB1000S Add-on Battery [pdf] User Manual AB1000S Add-on Battery, AB1000S, Add-on Battery, Battery</p>
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References

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