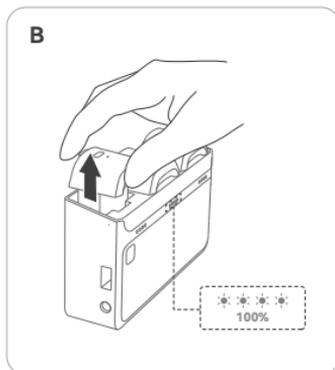
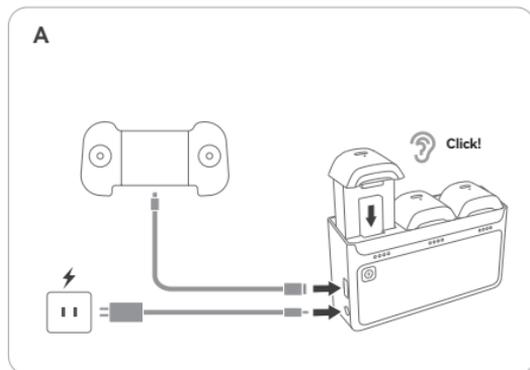




ATOM Series Parallel Charging Hub



User Manual



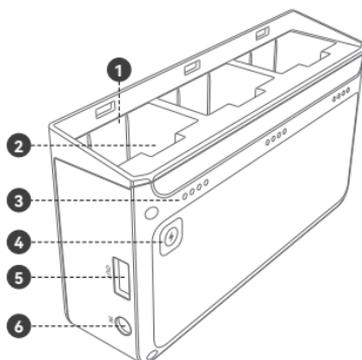
Disclaimer

1. To ensure the safe and proper use of this product, kindly adhere strictly to the operating instructions and precautions outlined in this manual.
2. Children under the age of 16 should utilize this product under adult supervision and guidance. Ensure that the product is kept out of children's reach when not in use.
3. The company assumes no responsibility for direct or indirect losses, including, but not limited to, property damage and personal injury, resulting from the user's failure to comply with the safety operating instructions outlined in this manual. Warranty services will not be provided.
4. When employing the Potensic ATOM series parallel charging hub (hereinafter referred to as the "charging hub") to charge the battery, it is imperative to use the original adapter. Potensic disclaims responsibility for any consequences arising from the use of non-original adapters.
5. Unauthorized disassembly or modification of this product is strictly prohibited. In the event of any violation, the user will be held solely responsible for the ensuing consequences.
6. For any issues related to use, operation, maintenance, etc., please reach out to the local dealer or the relevant company personnel.
7. Potensic reserves the right to interpret this document and related product documents, with the final interpretation subject to change without prior notice. For the latest information, please visit www.potensic.com.

Precautions

1. When charging the batteries, ensure the stability of the charging hub placement and keep it away from heat sources.
2. Avoid direct contact with the battery terminals or power plug using your hands or any metal objects.
3. Do not stack items on the adapter and charging hub. Keep these components away from water and flammable materials during use.

Diagram



1. Battery Compartment
2. Battery Terminals
3. Charging Indicator
4. Battery Level Check Button
5. USB Interface (OUT)
6. Power Interface (IN)

Introduction

The Potensic ATOM series parallel charging hub can charge three ATOM smart batteries at the same time, and the USB interface can be used to charge the remote controller or other USB devices. It is designed to be lightweight and portable, providing protection for the battery. Before a flight, you can easily check the battery level at any time.

Press the Battery Level Check Button, then the indicator will light on to show you the current battery level before flying.

Charging

- As shown in Figure A, insert the battery and press it until you hear a "click", the battery is installed correctly. Then connect the adapter with the charging hub and plug in.
- Users can insert 1-3 batteries at will, and the charging hub will automatically identify the batteries and start to charge. When charging, the charging indicator of each battery keep flashing in sequence.
- After fully charged, the corresponding indicator lights will stay on. Remove the battery as shown in Figure B.
- The USB interface can be used to charge the remote controller or other USB devices (5V/1A).

⚠️ The charging hub supports hot swapping of batteries without turning off the power. After fully charged, it is recommended to wait for the red power indicator of the battery to go out before unplugging the battery.

Check Battery Level

After a battery is inserted or unplugged from the charging hub, the corresponding battery indicator will turn on to display the battery level and then turn off after 5 seconds. You can also check the battery level by pressing once the Check Button.

LED 1	LED 2	LED 3	LED 4	Corresponding Battery Level	
				0%~25%	
				25%~50%	
				50%~75%	
				75%~97%	
				97%~100%	
	On		Flashing		Off

Fault Reminder

When a battery is inserted and the indicator corresponds to any set shown in the right table, then it means something is faulty.

Abnormal battery temperature: Indicates that the battery temperature has exceeded the safe charging temperature range. The charging hub will stop charging until the battery temperature returns to normal.

Battery failure: It may be caused by battery communication failure, battery cell failure, device short circuit.

LED 1	LED 2	LED 3	LED 4	Fault Type	
				Abnormal battery temperature	
				Battery failure	
	On		Flashing		Off

Specifications

Model	DSBC02A		
Weight	About 137 g (Without battery)		
Operating Temperature	5°C~40°C		
Compatible Battery Type	DSBT02A (2500 mAh)	DSBT02B (2230 mAh)	DSBT02C (3000 mAh)
Output	8V/2.2A * 3	8V/2.0A * 3	8V/2.2A * 3
USB Output	5V/1A		
Charging Time	≈1.5 hours	≈1.3 hours	≈1.8 hours
Adapter Specifications	Input: 100-240V, 50/60HZ		Output: 12V/5A~60W

⚠️ The charging hub can charge 3 batteries at the same time, and supports mixed use of 3 types of compatible batteries in the above table.

※ **FCC Requirement:** changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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 this equipment 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 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.

※ **CE compliance:** This device complies with EN55032&EN55035&EN62368 standards, which means this device will not do harm to the user or products as following situations: 1)Electric shock 2)High temperature 3)Radiation 4)Explosion from inner 5)Mechanical Harm 6)Fire Hazard 7)Chemical burns.

※ **EU Conformity Statement:** This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EC, the RoHS Directive 2011/65/EU and Amendment (EU) 2015/863.

※ **WEEE Notice:** 2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

※ **2013/56/EU (battery directive):** This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info

If you have any questions or suggestions about this document, please contact Potensic by sending a message to support@potensic.com.

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