

BLUETTI Hub D1

BLUETTI HUB D1 DC Power Hub Instruction Manual

Model: Hub D1 | Brand: BLUETTI

1. OVERVIEW

The BLUETTI HUB D1 is a versatile DC power hub designed to expand the DC output capabilities of compatible BLUETTI power stations, such as the Apex 300 and B300K/B300 batteries. It provides multiple DC output ports, including 12V/24V RV and cigarette lighter ports, along with USB-C and USB-A ports for charging various devices. The hub features smart app control for voltage selection and real-time monitoring.

Key Features:

- **Multi-Port DC Power Hub:** Delivers 700W max output with 12V/24V RV, cigarette lighter, and DC5521 ports for versatile DC device charging.
- **Smart Voltage Control:** Switch between 12V (green indicator) and 24V (blue) outputs via the BLUETTI app.
- **Space-Saving Design:** Compact clip-on mount (4.19lbs) attaches to power station handles or walls. Features 2 USB-C (100W max) and 2 USB-A ports for mobile devices.
- **Real-Time Monitoring:** Bluetooth connectivity enables app-based power tracking, error alerts (overload/short-circuit protection), and firmware updates.
- **Heavy-Duty Compatibility:** Works with 48V/90A P090D interfaces (42-58VDC input) and operates in temperatures from -20°C to 45°C.



This image displays the BLUETTI HUB D1, a compact grey unit featuring two 12V/10A or 24V/5A DC output ports (cigarette lighter style), two USB-A 15W ports, and two USB-C 100W ports. An on/off switch with a green/blue indicator for 12V/24V selection is also visible. A cable with a P090D connector extends from the bottom, designed for connection to compatible BLUETTI power stations.

2. SETUP

The BLUETTI HUB D1 is designed for seamless integration with compatible BLUETTI power stations. Follow these steps for proper setup:

1. **Connect to Power Station:** Locate the P090D input port on your BLUETTI Apex 300 or B300K/B300 battery. Connect the P090D cable from the HUB D1 securely into this port. Ensure the connection is firm to prevent accidental disconnection.
2. **Mounting (Optional):** The HUB D1 features a clip-on mount. You can attach it to the handle of your power station or a suitable wall surface to save space.
3. **Power On:** Once connected, press the ON/OFF button on the HUB D1. The indicator light will illuminate, indicating the current voltage setting (green for 12V, blue for 24V).
4. **App Connection:** For smart control and monitoring, download the BLUETTI app on your mobile device. Enable Bluetooth and pair with your power station and HUB D1.

This video provides an overview of the BLUETTI Apex 300 power station, demonstrating its versatility for home backup, outdoor use, and energy management. It shows the unit being transported, powering household appliances, and being used in a camping setting with the Hub D1 for extended DC power options. The video also highlights solar charging and smart energy management features.

3. OPERATING

The BLUETTI HUB D1 offers flexible power output options for various DC and USB devices.

3.1 DC Output Ports (12V/24V RV & Cigarette Lighter)

1. **Select Voltage:** Use the BLUETTI app to switch between 12V and 24V output modes. The indicator light on the HUB D1 will change accordingly (green for 12V, blue for 24V). Ensure the selected voltage matches the requirements of your connected device.
2. **Connect Devices:** Plug your 12V or 24V RV appliances or cigarette lighter compatible devices into the respective ports. The HUB D1 supports a maximum output of 700W across these ports.

3.2 USB Output Ports

- **USB-C Ports:** Two USB-C ports provide up to 100W each, suitable for fast charging laptops, tablets, and other compatible devices.
- **USB-A Ports:** Two USB-A ports offer a total of 15W, ideal for charging smartphones and smaller electronic devices.

3.3 Monitoring with BLUETTI App

The BLUETTI app allows you to monitor the HUB D1's performance in real-time. You can view power output, check for error alerts (such as overload or short-circuit protection), and perform firmware updates to ensure optimal operation.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your BLUETTI HUB D1.

- **Cleaning:** Regularly wipe the exterior of the unit with a dry, soft cloth. Avoid using abrasive cleaners or solvents. Ensure all ports are free from dust and debris.
- **Storage:** Store the HUB D1 in a cool, dry place away from direct sunlight and extreme temperatures. If storing

for extended periods, ensure it is disconnected from the power station and any devices.

- **Temperature Range:** The unit is designed to operate between -20°C and 45°C. Avoid operating or storing outside this range to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your BLUETTI HUB D1, refer to the following common troubleshooting tips:

- **No Power Output:**
 - Ensure the HUB D1 is securely connected to a compatible BLUETTI power station.
 - Verify the power station is turned on and has sufficient charge.
 - Check if the ON/OFF button on the HUB D1 is pressed and the indicator light is on.
- **Incorrect Voltage Output:**
 - Use the BLUETTI app to confirm the correct 12V or 24V output is selected.
 - Ensure the indicator light matches your desired voltage (green for 12V, blue for 24V).
- **Overload/Short-Circuit Protection:**
 - If an error alert appears on the app or the unit stops outputting power, disconnect all devices.
 - Reduce the total load connected to the HUB D1.
 - Restart the HUB D1 and reconnect devices one by one.
- **App Connectivity Issues:**
 - Ensure Bluetooth is enabled on your mobile device and the app is up to date.
 - Move closer to the HUB D1 and power station to improve signal strength.
 - Restart the app or your mobile device.

6. SPECIFICATIONS

Feature	Specification
Brand	BLUETTI
Model Name	Hub D1
Item Model Number	Hub D1
Max Output Wattage	700 Watts
DC Output Ports	2 x 12V/10A or 24V/5A (RV & Cigarette Lighter style)
USB-C Output	2 x 100W Max
USB-A Output	2 x 15W Total
Input Interface	P090D (48V/90A, 42-58VDC input)
Operating Temperature	-20°C to 45°C
Power Source	Battery Powered

Feature	Specification
Recommended Uses	Camping, Home Backup, RV Adventures, Outdoor Projects

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The BLUETTI HUB D1 comes with a **1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your BLUETTI HUB D1, please contact BLUETTI customer support through their official website or the contact information provided in your product packaging. Ensure you have your product model and serial number ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

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