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› Dabbsson DBS 1300 Portable Power Station User Manual

Dabbsson DBS1300

Dabbsson DBS 1300 Portable Power Station User Manual

Model: DBS1300

1. PRODUCT OVERVIEW

The Dabbsson DBS 1300 is a versatile portable power station designed to provide reliable power for various applications, from outdoor camping to home battery backup. It features a robust power output, multiple charging options, and an expandable capacity.



Image: The Dabbsson DBS 1300 portable power station shown with two accompanying solar panels, illustrating its complete solar generator setup.

This power station is equipped with 12 available ports, including 4 Pure Sine Wave AC outlets (1200W each, up to 1600W in P-Boost Mode) and 3 USB-C ports (up to 100W each). It is capable of powering a wide range of devices such as phones, laptops, refrigerators, and CPAP machines.

For Home, Work, and More

From a small light bulb to professional power tools

1200w

Power Output

1600w

P-Boost

13

Ports



Image: The Dabbsson DBS 1300 power station highlighting its 1200W power output, 1600W P-Boost capability, and 13 available ports, suitable for home, work, and outdoor use.

2. WHAT'S INCLUDED

The package for your Dabbsson DBS 1300 Portable Power Station includes the following components:

- 1x Dabbsson Portable Power Station DBS 1300
- 1x 120W Solar Panel DBS 120SC
- 1x AC charging cable
- 1x Car charging cable
- 1x Solar charging cable
- 1x User manual

3. SETUP AND INITIAL USE

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect the power station and accessories for any signs of damage. If any damage is found, contact customer service immediately.

3.2 Initial Charging

Before first use, it is recommended to fully charge the Dabbsson DBS 1300. The unit supports rapid charging via AC input, achieving 0-80% charge in approximately 44 minutes. A full charge with combined AC+solar input (up to 1400W) can be achieved in about 96 minutes.



Image: The Dabbsson DBS 1300 power station being charged via an AC wall outlet, demonstrating its fast charging capability.

To charge via AC, connect the provided AC charging cable to the power station's AC input port and then to a standard wall outlet. For solar charging, connect the solar panel using the provided solar charging cable to the power station's solar input port. Ensure the solar panel is placed in direct sunlight for optimal charging efficiency.



Image: A diagram illustrating the different charging methods for the Dabbsson DBS 1300, including AC charging (0-80% in 44 minutes) and combined AC+PV (solar) charging (0-100% in 96 minutes).

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

To power on the Dabbsson DBS 1300, press and hold the main power button until the display illuminates. To power off, press and hold the main power button again until the display turns off.

4.2 Connecting Devices

The power station offers various output ports:

- **AC Outlets:** Connect appliances requiring standard wall power. The DBS 1300 provides 4 Pure Sine Wave AC outlets, each delivering 1200W, with a P-Boost mode up to 1600W.
- **USB-C Ports:** Use for charging phones, laptops, and other USB-C compatible devices. There are 3 USB-C ports, each providing up to 100W.

- **USB-A Ports:** For standard USB devices.
- **DC Output:** For 12V DC devices.

Ensure that the total wattage of connected devices does not exceed the power station's maximum output capacity to prevent overload. The digital display will show real-time input and output wattage.

4.3 Expandable Capacity and Parallel Operation

The DBS 1300's capacity can be expanded by adding up to two DBS1700B batteries, increasing the total capacity to 4730Wh. For even greater power, two DBS 1300 units can be connected in parallel with four DBS1700B batteries, boosting total storage to 9460Wh and output to 2000W.

Multiply Your Power

Expand your battery
to enjoy uninterrupted power supply

DBS1300	1.3 kWh	DBS1300 + DBS1700B	3 kWh
DBS1300 + DBS1700B x2	4.7 kWh	DBS1300x2 + DBS1700B x4	9.4 kWh

Image: A visual representation of the Dabbsson DBS 1300's expandable capacity, showing configurations from 1.3 kWh (single unit) up to 9.4 kWh with additional DBS1700B batteries and parallel operation.

4.4 App Control

The Dabbsson app allows for comprehensive monitoring and control of your power station. Through the app, you can:

- Monitor remaining battery life.
- Track AC/DC input and output in real-time.
- Adjust power settings.
- Check solar generator status.
- Utilize timer management to schedule power usage.

All Activities at Your Fingertips



Image: The Dabbsson DBS 1300 power station alongside a smartphone displaying the Dabbsson app interface, which allows users to monitor and control various functions like battery level, input/output, and timer settings.

4.5 Emergency Power Supply (EPS) Function

The DBS 1300 features an EPS function with a 15ms switchover time. This allows the unit to automatically switch to battery power in the event of a power outage, ensuring uninterrupted operation for critical equipment.



Image: A diagram illustrating the EPS (Emergency Power Supply) function of the Dabbsson DBS 1300, showing how it provides seamless power during outages with a 15ms switchover.

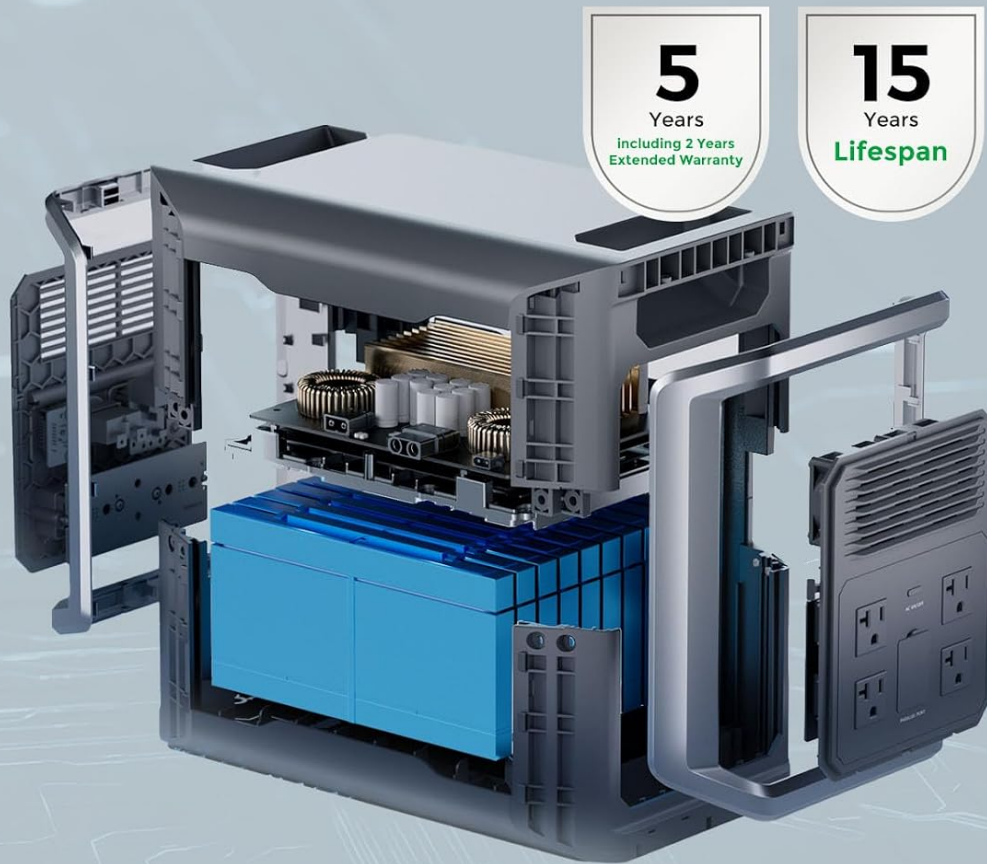
5. SAFETY AND MAINTENANCE

5.1 Safety Features

The Dabbsson DBS 1300 incorporates advanced safety features:

- **EV Semi-Solid State LiFePO4 Batteries:** Offers superior safety, energy efficiency, and longevity.
- **UL94 V0-rated Fireproof Outer Shell:** Provides enhanced fire resistance.
- **AI Algorithm-Powered BMS Protection:** Comprehensive Battery Management System ensures device safety during charging and discharging.
- **Overload Protection:** Automatically shuts down if connected devices exceed safe wattage.
- **Short Circuit Protection:** Prevents damage from electrical shorts.

A New Class of Power



5

Years

Including 2 Years
Extended Warranty

15

Years

Lifespan



EV Semi-Solid LiFePO₄

30% higher
energy density



Lasts Over 15 Years

4500+
charge cycles



Compliance with UL1642

Independent
safety certification



8-layer Adaptive BMS System

Powered by EcoDSP
system for adjustable
output frequency

Image: An exploded view of the Dabbsson DBS 1300, showcasing its internal EV Semi-Solid State LiFePO₄ batteries and the Battery Management System (BMS), emphasizing its advanced safety and longevity features.

Tested It, Nailed It



FCC/CE EMC Class B

Home-safe standard

UL94 V0 Rating

Non-flammable

Nail Penetration Testing

Does not catch fire or burst

Image: The Dabbsson DBS 1300 power station with text indicating its compliance with FCC/CE EMC Class B, UL94 V0 Rating (non-flammable), and successful Nail Penetration Testing, demonstrating its robust safety standards.

5.2 General Maintenance

- Keep the power station in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- Clean the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure ventilation ports are clear of dust and debris to prevent overheating.
- For long-term storage, charge the unit to approximately 50-80% every 3-6 months to maintain battery health.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Dabbsson DBS 1300.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not power on.	Battery is fully discharged; Power button not held long enough.	Charge the unit using AC or solar. Press and hold the power button for 3-5 seconds.
AC outlets not providing power.	AC output not enabled; Overload protection activated.	Ensure AC output is turned on (check display/app). Reduce connected load; restart unit.
Slow charging via solar panel.	Insufficient sunlight; Panel not optimally angled; Dirty panel; Cable issue.	Ensure direct sunlight. Adjust panel angle. Clean panel surface. Check cable connections.
App connection issues.	Bluetooth/Wi-Fi off; App not updated; Unit too far from device.	Ensure Bluetooth/Wi-Fi is enabled on your device. Update the Dabbsson app. Move closer to the power station.

If the problem persists, please contact Dabbsson customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	Dabbsson
Model Name	DBS1300
Capacity	1330Wh
AC Output (Rated)	1200W (Pure Sine Wave)
AC Output (P-Boost)	Up to 1600W
USB-C Output	3 ports, up to 100W each
Battery Type	EV Semi-Solid State LiFePO4
Charge Cycles	4500+ cycles (to 80% capacity)
AC Input Charging Time (0-80%)	Approx. 44 minutes
AC+Solar Input Charging Time (0-100%)	Approx. 96 minutes (with 1400W combined input)
Expandable Capacity	Up to 9460Wh (with additional DBS1700B batteries)
Dimensions (L x W x H)	14.25"L x 10.83"W x 8.7"H
Item Weight	36 Pounds
Safety Features	UL94 V0 Fireproof Shell, BMS, Overload, Short Circuit Protection
Special Features	Digital Display, Lightweight, Portable, App Control, EPS Function

8. WARRANTY AND SUPPORT

Dabbsson provides a comprehensive warranty for the DBS 1300 Portable Power Station.

- **Standard Warranty:** 3 Years
- **Extended Warranty:** Additional 2 Years (Total 5 Years)

This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact Dabbsson customer service. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official Dabbsson website or refer to the contact information provided in your product packaging.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question