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› Dabbsson 1000L Solar Generator with 120W Solar Panel User Manual

Dabbsson 1000L

Dabbsson 1000L Solar Generator with 120W Solar Panel User Manual

Model: 1000L

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Dabbsson 1000L Solar Generator and accompanying 120W Solar Panel. Please read this manual thoroughly before using the product to ensure proper function and longevity.

2. SAFETY INSTRUCTIONS

Observe the following safety precautions to prevent injury or damage to the product:

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from heat sources, direct sunlight, and flammable materials.
- Avoid exposure to water, high humidity, or corrosive substances.
- Ensure proper ventilation during use and charging. Do not block ventilation openings.
- Use only original or certified charging cables and accessories.
- Keep out of reach of children and pets.
- In case of fire, use a dry powder fire extinguisher. Do not use water.
- If the unit emits smoke, unusual odors, or makes strange noises, immediately stop use and contact customer support.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- 1x Dabbsson 1000L Portable Power Station
- 1x 120W Solar Panel
- 1x AC Charging Cable
- 1x Car Charging Cable
- 1x User Manual

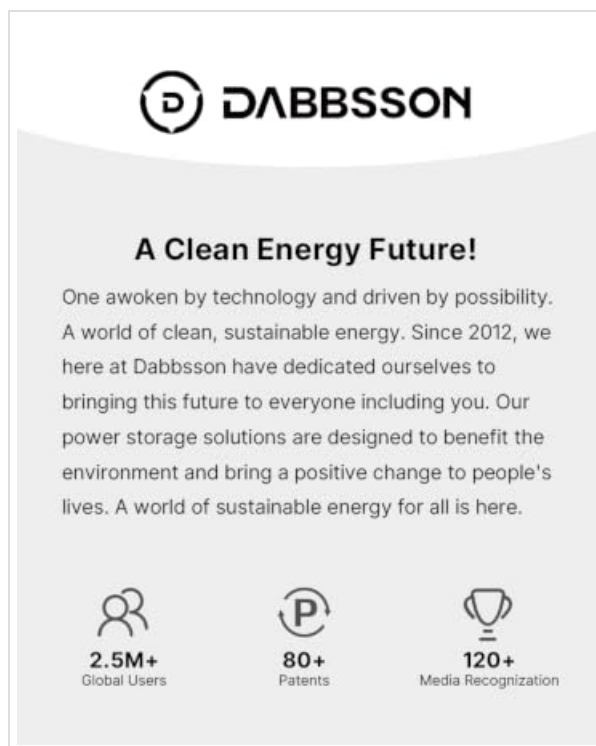


Image: Dabbsson 1000L Power Station, 120W Solar Panel, AC charging cable, and car charging cable.

4. PRODUCT DIAGRAM

Familiarize yourself with the ports and controls of your Dabbsson 1000L Power Station:



Image: Front and rear view of the Dabbsson 1000L with numbered components.

1. Light ON/OFF Button

2. LED Light
3. USB-C 30W Output Port
4. Car Cigarette Lighter Output Port
5. DC5521 Output Port
6. DC Power Button/loT Button
7. USB-A Output Port (x2)
8. USB-C 100W Output Port
9. LCD Screen
10. Main Power Button
11. AC Output Port (x2)
12. AC Power Button
13. Solar/Car Charging Input Port
14. AC Charging Input Port

5. SETUP

Initial Charging

Before first use, fully charge the Dabbsson 1000L Power Station. Connect the AC charging cable to the AC Charging Input Port (14) and plug it into a wall outlet. The LCD screen (9) will indicate charging status. A full charge from 0-80% can be achieved in approximately 50 minutes.

Multiple Charging Options for your Choice



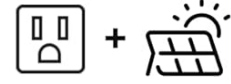
AC Socket



Solar Panel



Car Port



Dual Charging



Image: The Dabbsson 1000L connected to an AC outlet for fast charging.

Connecting the Solar Panel

To charge using the 120W Solar Panel, connect the solar panel to the Solar/Car Charging Input Port (13) on the power station. Position the solar panel in direct sunlight for optimal charging efficiency. The power station supports up to 600W solar input.



Image: Dabbsson 1000L Power Station and 120W Solar Panel.

6. OPERATING INSTRUCTIONS

Turning On/Off

- To turn on: Press and hold the Main Power Button (10) for 3 seconds. The LCD screen will illuminate.
- To turn off: Press and hold the Main Power Button (10) for 3 seconds. The LCD screen will turn off.

Using AC Output

Press the AC Power Button (12) to enable the AC output ports (11). Plug your AC devices into the outlets. The Dabbsson 1000L provides up to 1200W continuous AC output.

Power-Boost Function

The Power-Boost function allows the unit to power appliances requiring up to 1600W. This is automatically engaged when a higher wattage device is connected, provided the total load does not exceed the maximum boost capacity.

Reliable Power and Ample Capacity

1008Wh | 1200W

POWER-BOOST
UP TO 1600W



Smartphone(12W)

76.8 Charges



Drones(40W)

23.55 Hours



Electric Drill(700W)

1.35 Hrs



Electric Grill(1300W)

0.7 Hrs

Image: Dabbsson 1000L powering multiple devices, demonstrating its output capacity.

Using USB and DC Output

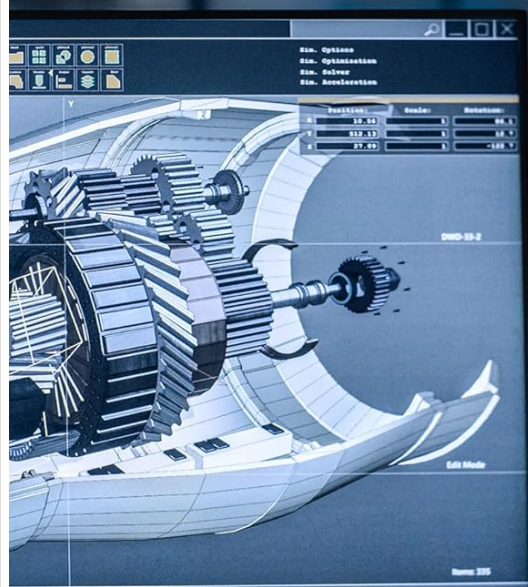
Press the DC Power Button/IoT Button (6) to enable the USB-C (3, 8), USB-A (7), DC5521 (5), and Car Cigarette Lighter (4) output ports. Plug your compatible devices into the respective ports.

Uninterruptible Power Supply (UPS) Function

When the Dabbsson 1000L is connected to an AC wall outlet and has devices plugged into its AC output ports, it can function as an Uninterruptible Power Supply. In the event of a power outage, the unit will automatically switch to battery power within 15 milliseconds, providing seamless backup power to connected devices.

Uninterruptible Power Supply

Endless Energy, Guaranteed Reliability



< 15ms
Switch-Over Time



Image: Dabbsson 1000L providing power to a desktop computer, demonstrating UPS capability.

Smart App Control

Download the Dabbsson app to monitor and control your power station remotely. The app allows you to check battery status, switch connections, activate modes like Quiet Charging, Low Power Reminder, and Energy Saving.

Time Your Power, Your Way

Set It & Forget It • Smart Savings • Seamless Control



Schedule charge
& discharge with ease



Optimize power
and reduce your bills



Seamless control via
smart plug integration



Image: Smartphone displaying the Dabbsson app interface, controlling the power station.

LED Light Operation

Press the Light ON/OFF Button (1) to cycle through the LED light modes: Soft, Bright, and SOS. This feature is useful for outdoor activities or emergencies.

7. MAINTENANCE

Storage

- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the unit to approximately 50-80% every 3-6 months to maintain battery health.

Cleaning

- Use a dry, soft cloth to clean the exterior of the unit.
- Do not use abrasive cleaners or solvents.
- Ensure all ports are free from dust and debris.

8. TROUBLESHOOTING

If you encounter issues with your Dabbsson 1000L, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Battery is depleted; Main Power Button not pressed long enough.	Charge the unit; Press and hold the Main Power Button for 3 seconds.
AC output not working	AC output not enabled; Overload protection activated.	Press the AC Power Button; Reduce the load on AC ports.
Slow solar charging	Insufficient sunlight; Solar panel not properly angled; Dirty solar panel.	Reposition panel for direct sunlight; Clean panel surface.
App connection issues	Bluetooth/Wi-Fi disabled; App not updated.	Ensure Bluetooth/Wi-Fi is active; Update the Dabbsson app.

If the problem persists, please contact Dabbsson customer support.

9. SPECIFICATIONS

Key technical specifications for the Dabbsson 1000L Solar Generator:

Feature	Detail
Brand	Dabbsson
Model Name	1000L
Battery Type	Semi-Solid LiFePO4
Capacity	1008Wh
AC Output	1200W (1600W with Power-Boost)

Feature	Detail
AC Charging Time (0-80%)	50 minutes
Max Solar Input	600W
USB-C Output	1x 100W, 1x 30W
USB-A Output	2x 30W
Car Charge Output	126W
DC5521 Output	Yes
Battery Lifespan	4000+ cycles (to 80% capacity), 10+ years
UPS Switch-Over Time	<15ms
Noise Level	<25dB
Dimensions (L x W x H)	15.4" x 7.4" x 9.5"
Weight	23.4 lbs
Special Features	Digital Display, Lightweight, Overload Protection, Portable, Short Circuit Protection, Smart App Control

Double Safety Upgrade

AI-Driven BMS Protection & Upgraded Semi-solid LiFePO4 Cell

10+ Years
Battery Lifespan

4000+
Cycles

5+BMS
Protection

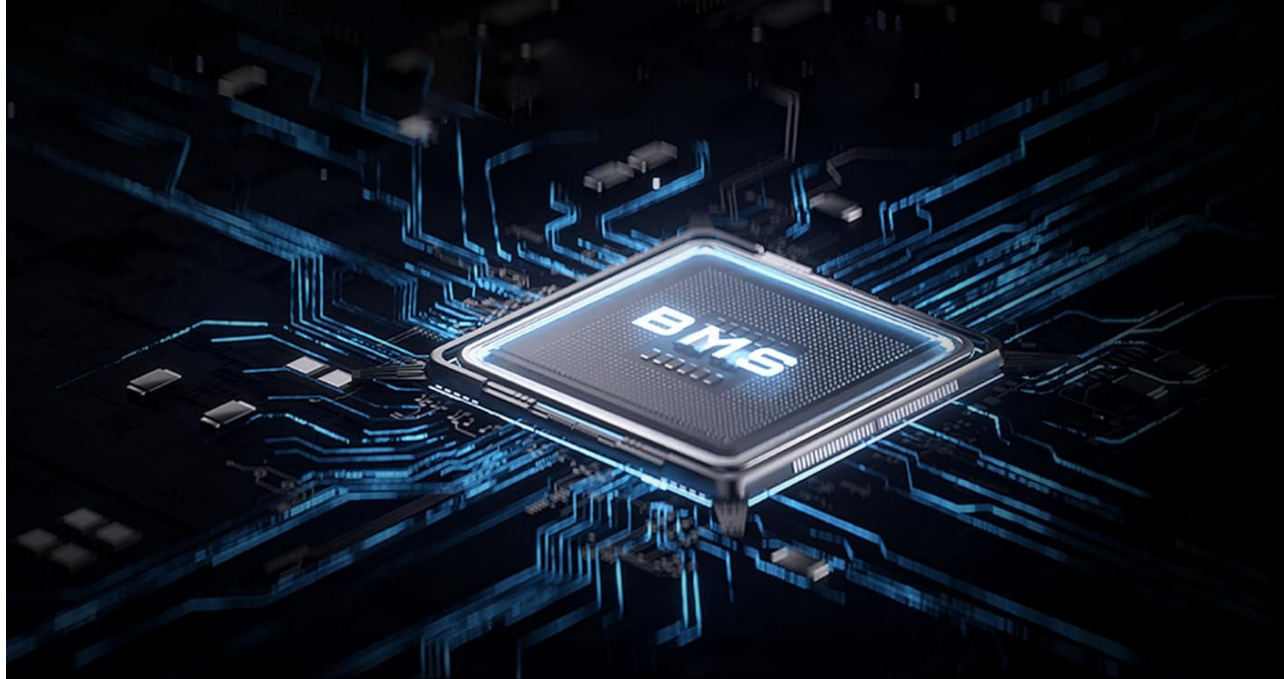


Image: Illustration of the AI-Driven BMS and safety certifications (UL, FCC, ETL, RoHS).

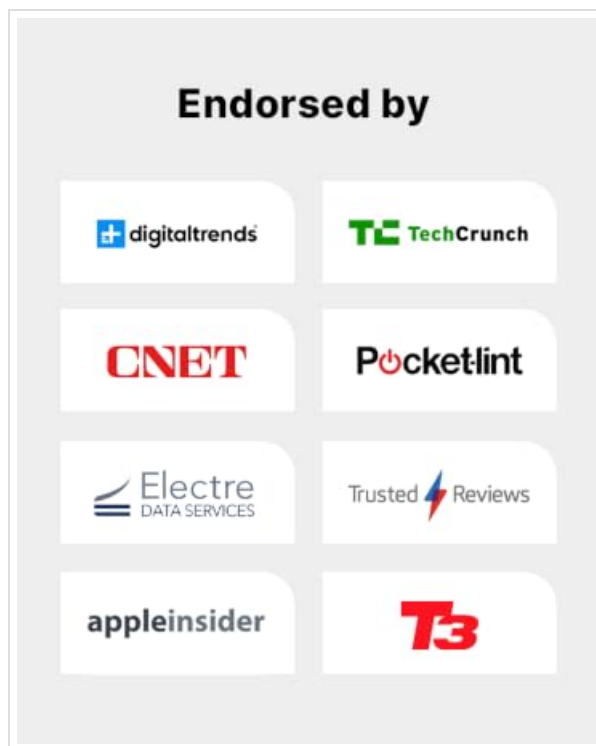


Image: Comparison of battery types, highlighting the safety and longevity of Semi-Solid LiFePO4 cells.

10. WARRANTY AND SUPPORT

Warranty Information

The Dabbsson 1000L Solar Generator comes with an industry-leading 5-year warranty, which includes a 3-year standard warranty and an additional 2-year extended warranty. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty inquiries, please contact our dedicated customer support team. Refer to the contact information provided in your warranty card or on the official Dabbsson website.



Reliable
Warranty Care



24/7
Expert Support



Image: Dabbsson customer support team ready to assist.

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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

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