

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Segway](#) /
- › [Segway Cube Series Expansion Battery Pack BTX1000 User Manual](#)

## Segway CUBE-BXT1000

# Segway Cube Series Expansion Battery Pack BTX1000 User Manual

This manual provides detailed instructions for the setup, operation, maintenance, and expansion of the Segway Cube Series Expansion Battery Pack BTX1000, a versatile portable power station.

## PRODUCT OVERVIEW

---

The Segway Cube Series Expansion Battery Pack BTX1000 is a robust and versatile portable power station designed for various power needs. It features a flexible, expandable capacity and a durable, waterproof design.



*A Segway Cube Series Expansion Battery Pack BTX1000, a portable power station, shown from the front with its various ports.*

## KEY FEATURES

- **Expandable Capacity:** Each pack provides 1kWh, expandable up to 5kWh when combined with other Cube Series products.
- **Cordless Expansion:** Designed for easy stacking of additional battery units with hassle-free installation.
- **Durable Construction:** Features a mecha design with a Magnesium alloy AM60B skeleton shell, ensuring high durability.
- **Advanced Battery Technology:** Powered by self-developed LiFePO4 battery cells, offering enhanced safety and longevity with over 4000 cycles.
- **Waterproof Rating:** Achieves an IPX6 waterproof rating due to its multi-layered waterproof design.
- **Comprehensive Protection:** Equipped with a Battery Management System (BMS) that provides ten protection mechanisms.



Segway Cube Power Station  
Expansion Battery Pack  
**BTX-1000**  
1024Wh

A graphic displaying the Segway Cube Power Station Expansion Battery Pack BTX-1000 with its 1024Wh capacity.



**Wireless Stacking, Power Upgrade**

Pair it with Segway Cube series outdoor power station for customizable power levels (1-5 kWh).

Ideal for camping, work, home emergencies, RV trips, and more.

Several Segway Cube power stations stacked vertically, demonstrating the wireless stacking feature for customizable power levels (1-5 kWh). Ideal for camping, work, home emergencies, and RV trips.

Upgraded Safety & Endurance

**Powered by Self-developed LiFePO4 Battery Cells**

Segway-Ninebot has produced more than 20 million packs of self-developed power batteries. Using this extensive experience, Segway has created the Cube.

The Cube is equipped with safer and more durable LiFePO4 batteries, which meet UL 1642 standards power cells for automotive-grade, capable of enduring over 4000 cycles. To keep the battery safe and increase longevity, the Cube also features the Battery Management System (BMS), which offers ten protection mechanisms.



An X-ray view of the Segway Cube Power Station highlighting its self-developed LiFePO4 battery cells and the Battery Management System (BMS) for upgraded safety and endurance.

# What can you do with 1kWh capacity

 Smartphone / 11Wh 87 Charges	 Laptop / 60Wh 16 charges	 Hair dryer / 500W 1.8 Hrs	 USB light / 5W 200 Hrs	 Washing machine / 120W 7.1 Hrs	 TV / 70W 11.9 Hrs
 Microwave / 800W 1.3 Hrs	 Electric fan / 40W 20.8 Hrs	 Electric dryer / 1000W 0.9 Hrs	 Vacuum / 800W 1.1 Hrs	 Coffee maker / 1000W 0.9 Hrs	 Refrigerator / 50W 5.7 Hrs

An infographic illustrating the approximate runtimes for various devices (smartphone, laptop, hair dryer, USB light, washing machine, TV, microwave, electric fan, electric dryer, vacuum, coffee maker, refrigerator) using 1kWh capacity.

## SETUP

### Unboxing

Carefully remove the Segway Cube Series Expansion Battery Pack BTX1000 from its packaging. The box contains the power station, a user manual, an input charging cable, and an adapter for cigarette lighter charging.

### Initial Power On

To power on the device, press the power button located on the front panel. A beep will sound, and the LCD screen will display the battery percentage (e.g., 71%) and other operational data.

### Connecting to the Segway-Ninebot App

1. Download the **Segway-Ninebot** app from your device's app store.
2. Open the app and navigate to the 'Search My Devices' option.
3. The app will detect the 'Segway Portable Power Station Cube'. Select it to connect.
4. Confirm the binding process within the app.
5. Once connected, the app will display real-time information such as battery level, temperature, import/output wattage, and individual port status (AC, DC, USB-C, USB-A).
6. The app also allows for firmware updates, self-diagnosis, and access to additional functions like fan mode control (active cooling or silent), R-Drive (adapts power to electrical appliances), and UPS (Uninterruptible Power Supply) for automatic switchover during power grid failures.

## OPERATING INSTRUCTIONS

### AC Output

The device features three AC outlets, capable of delivering up to 2200 watts max. Press the 'AC Out' button on the front panel to activate these outlets. The LCD screen will show the current wattage usage.

### DC Output

Two DC ports are available. Press the 'DC Out' button to activate them.

### USB Charging

The power station includes four USB-A ports and two USB-C ports. The USB-C ports support fast charging at up to 100 watts. These ports are activated automatically when a device is connected or can be controlled via the app.

## Cigarette Lighter Outlet

A cigarette lighter outlet is provided for compatible devices.

## EXPANSION MODULE INSTALLATION

---

The Segway Cube Series is designed for cordless expansion, allowing you to increase its capacity by stacking additional battery packs. To install an expansion module:

1. Locate the four screws on the sides of the main power station unit.
2. Using a 7/64 Allen wrench (included with the 2000 series, or purchased separately), carefully remove these four screws.
3. Gently lift the top section of the power station. You will notice there are no connecting wires, facilitating easy separation.
4. The bottom section reveals the battery pack portion with a plug aspect.
5. Align the expansion battery pack (sold separately) with the main unit's connectors and stack it securely. The units are designed to lock into place.
6. Once stacked, the system will recognize the increased capacity.

## MAINTENANCE

---

### General Care

- Keep the device clean and free from dust and debris.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure proper ventilation during operation to prevent overheating.

### Battery Care

- Regularly check the battery percentage via the LCD screen or the Segway-Ninebot app.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- The LiFePO4 battery cells are designed for over 4000 cycles, ensuring long-term reliability.

## TROUBLESHOOTING

---

### Overload Protection

- If an overload occurs, the 'OVERLOAD' indicator on the LCD screen will illuminate. The device features an overload protector on the rear panel.
- Reduce the connected load and restart the device if necessary.

### Error Codes

- Refer to the Segway-Ninebot app's 'Self-diagnosis Manual' for detailed information on error codes and troubleshooting steps.

### Charging Issues

- Ensure all charging cables are securely connected.

- Verify that the power source (AC outlet, solar panel, or car input) is functioning correctly.
- If using solar/car input, ensure the connection is firm.

## SPECIFICATIONS

Feature	Detail
Brand	Segway
Model Name	CUBE-BXT1000
Item Model Number	CUBE-BXT1000
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Capacity	1000 Wh (expandable up to 5 kWh)
Wattage	1000 watts (Starting), 2200 watts (Output)
Power Source	Battery Powered
Fuel Type	Battery
AC Output	3 outlets, 2200W Max
USB-C Output	2 ports, 100W each
USB-A Output	4 ports
DC Output	2 ports
Car Outlet	1 port
Input Charging	AC Fast Charge, Solar/Car Input
Special Feature	Modular Design
Material	AM60B Alloy
Item Weight	23 Pounds
Product Dimensions	16.42"L x 14.06"W x 8.69"H
Waterproof Rating	IPX6
Included Components	Battery pack, manuals, wrench, screws

## WARRANTY AND SUPPORT

Segway offers various protection plans for your device. Please refer to the official Segway website or your purchase documentation for detailed warranty information.

- **4-Year Protection Plan:** Available for a one-time payment of \$76.99.
- **Complete Protect:** A monthly plan for \$16.99, covering all eligible past and future purchases.

For further assistance, utilize the self-diagnosis manual within the Segway-Ninebot app or consult the community Q&A section.

