

BLUETTI BLUETTI Elite 200 V2

BLUETTI Elite 200 V2 Portable Power Station User Manual

Model: BLUETTI Elite 200 V2

1. INTRODUCTION

The BLUETTI Elite 200 V2 is a state-of-the-art portable power station designed to provide reliable and versatile power for a wide range of applications, from outdoor adventures like camping and travel to essential home backup during outages. Equipped with a high-capacity LFP battery, it offers exceptional durability and performance.

Key features include:

- **High Capacity:** 2073.6Wh battery to power multiple devices.
- **Powerful Output:** 2600W AC output, with a 3900W Power Lifting mode for demanding appliances.
- **Long Lifespan:** Over 6000 cycles, providing up to 17 years of use.
- **Fast Charging:** TurboBoost technology allows 80% charge in just 45 minutes with dual AC and DC input.
- **Quiet Operation:** Operates at a low noise level of 16 dB.
- **Advanced Safety:** Multi-layer protection and automotive-grade LFP cells ensure safe operation.



The BLUETTI Elite 200 V2 providing power in an outdoor environment.

2. PRODUCT OVERVIEW

Familiarize yourself with the components and interfaces of your BLUETTI Elite 200 V2.



Front panel of the BLUETTI Elite 200 V2, highlighting the display, DC/PV input, DC output, and AC outlets.

2.1. Ports and Controls



Alimenter tous vos appareils

1 × Port allume-cigarette (120W)
①

2 × USB-C (100W)
②

2 × USB-A (15W)
③

2 × Sorties CA (2600W)
④

Detailed view of the BLUETTI Elite 200 V2's input and output ports, including cigarette lighter, USB-C, USB-A, and AC outlets.

- **DC/PV Input:** For solar panel or car charging.
- **AC Output:** Two standard AC outlets for household appliances.

- **USB-C Ports:** Two 100W USB-C ports for fast charging compatible devices.
- **USB-A Ports:** Two 15W USB-A ports for standard USB charging.
- **12V Cigarette Lighter Port:** For car appliances.
- **LCD Display:** Shows battery level, input/output power, and operational status.

3. SETUP

3.1. Unboxing and Initial Inspection

Upon receiving your BLUETTI Elite 200 V2, carefully open the packaging and inspect the unit for any signs of damage. Ensure all components listed below are present:

- BLUETTI Elite 200 V2 portable power station
- AC charging cable
- Solar charging cable
- Grounding screw
- User manual (this document)

3.2. First Use and Charging

Before first use, it is recommended to fully charge the BLUETTI Elite 200 V2. Connect the provided AC charging cable to a wall outlet and the power station's AC input port. The LCD display will indicate the charging status. For optimal battery health, fully discharge and recharge the unit at least once every 3-6 months if not in regular use.

4. OPERATING INSTRUCTIONS

4.1. Powering On/Off

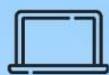
- To turn on the unit, press and hold the main power button for a few seconds until the LCD screen illuminates.
- To turn off the unit, press and hold the main power button again until the screen turns off.
- Individual AC and DC outputs can be enabled/disabled via their respective buttons on the control panel.

4.2. Connecting Devices

Connect your electronic devices to the appropriate output ports (AC, USB-A, USB-C, 12V DC). Ensure the total power consumption of connected devices does not exceed the power station's rated output (2600W continuous, 3900W Power Lifting mode).

La station électrique polyvalente

2073,6Wh | 2600W



21,8 fois

ordinateur portable (60Wh)



31,7 h

Ventilateur (40W)



1,6 h

Bouilloire (1000W)



0,5 h

Grille (3000W)



*** Power Lifting: 3900W**

The BLUETTI Elite 200 V2 can power a variety of appliances, from laptops to kettles, making it highly versatile.

4.3. Power Lifting Mode (3900W)

The Power Lifting mode allows the Elite 200 V2 to power high-wattage resistive loads up to 3900W, such as electric kettles, hair dryers, and heaters. This mode is specifically designed for pure resistive loads and should be used with caution. Refer to the LCD display for active power output.



3900W Power Lifting

Le pouvoir au travail, dans la vie et au-delà.

Répondez sans effort à vos besoins quotidiens et alimentez facilement des charges purement résistives comme les bouilloires, les couvertures électriques et les sèche-cheveux.

puissance nominale : 2600W
Power Lifting Mode : 3900W*

* Ce mode est réservé aux charges purement résistives.

The 3900W Power Lifting mode enables the BLUETTI Elite 200 V2 to handle high-power resistive appliances.

4.4. BLUETTI App Control

Download the official BLUETTI app to monitor and control your power station remotely. The app provides real-time energy consumption data, allows you to switch working modes, and offers intuitive control over the unit's functions.



The BLUETTI app provides comprehensive monitoring and control features for your power station.

5. CHARGING THE POWER STATION

The BLUETTI Elite 200 V2 supports multiple charging methods to ensure you always have power when you need it.

Chargez plus vite, roulez plus loin

Améliorez votre jeu en voyageant



Charge CA



Charge solaire



Charge de voiture



Charge CA + solaire



Overview of the versatile charging options available for the BLUETTI Elite 200 V2.

5.1. AC Charging

Utilize the included AC charging cable to charge the power station from a standard wall outlet. With TurboBoost technology, the unit can reach 80% charge in approximately 1 hour at 2300W input.

Visualisierung von Energieeinsparungen

L'application mise à jour est mieux optimisée pour les modes de coupe de pointe et de remplissage de vallée, et suit vos schémas de consommation d'énergie à l'aide de graphiques intuitifs.



Fast AC charging allows for quick replenishment of the power station's battery.

5.2. Solar Charging

Connect compatible solar panels (sold separately) to the DC/PV input port. The integrated MPPT controller ensures efficient solar charging, allowing a full charge in approximately 2.4 hours with 1000W solar input under optimal sunlight conditions.

Taille de 1 kWh, capacité doublée

Parfaite pour les voyages en voiture et la sauvegarde à domicile, notre batterie compacte offre plus de puissance dans moins d'espace, ce qui la rend facile à transporter.



Harness solar energy to charge your BLUETTI Elite 200 V2 efficiently.

5.3. Car Charging

Charge your power station on the go using your vehicle's 12V cigarette lighter port. With the BLUETTI Charger 1 (560W, sold separately), you can achieve a full charge in approximately 4.2 hours, significantly faster than traditional car charging methods.

Consommation d'énergie minimale

Efficacité accrue de l'onduleur :

Les cellules LFP révolutionnaires réduisent la perte d'énergie pendant la conversion, maximisant ainsi la puissance de sortie.

Consommation en veille ultra-faible :

La consommation d'énergie en veille, de 10W seulement, garantit une durée de fonctionnement prolongée.



Conveniently charge your power station from your vehicle while traveling.

5.4. AC + Solar Dual Charging

For the fastest charging experience, combine AC and solar input. This dual charging method can charge the unit from 0% to 80% in just 45 minutes with a combined input of 2400W.

Silencieux à 16 dB

Réglez intelligemment la vitesse du ventilateur pour des performances silencieuses à 16 dB sous de faibles charges de puissance, aussi douces que le bruit d'une page tournée.

* Niveaux de bruit inférieurs à 50 dB en fonctionnement normal.



Achieve ultra-fast charging by combining AC and solar power inputs.

6. SAFETY AND PROTECTION

The BLUETTI Elite 200 V2 is built with multiple safety features to ensure reliable and secure operation.

6.1. LiFePO4 Battery Technology

The power station utilizes automotive-grade LiFePO4 (Lithium Iron Phosphate) batteries, known for their exceptional safety, stability, and long cycle life. These batteries offer over 6000 charge cycles, providing a lifespan up to 17 years, which is 12 times longer than the industry average.

Sécurité certifiée puissance fiable

Générateur solaire écologique, sûr et fiable
pour les aventures et l'utilisation quotidienne



RoHS certifié

Réussite de plus de 10 tests
de substances dangereuses

MSDS
Material Safety Data Sheet

MSDS approuvé

Résistance au feu et
sécurité environnementale

The durable LiFePO4 battery cells provide a long and reliable service life.

6.2. Multi-Layer Protection System

The Elite 200 V2 incorporates a sophisticated multi-layer protection system, including:

- **BLUETOPUS AI-BMS:** An intelligent Battery Management System that monitors and protects against overcharge, over-discharge, over-current, and short circuits.
- **Durable ABS Materials:** Wear-resistant housing for enhanced physical protection.

- **Grounding Terminal:** Provides protection against electrical leakage.
- **Temperature Control:** Ensures safe operation even in extreme temperatures.

Protections multi-couches

Pour une tranquillité d'esprit à vie



Internal components illustrating the multi-layer protection system of the power station.

6.3. Quiet Operation

Designed for minimal noise, the Elite 200 V2 operates at a whisper-quiet 16 dB under low loads, making it suitable for indoor use and quiet environments like bedrooms or tents.



Enjoy peace and quiet with the ultra-low noise operation of the BLUETTI Elite 200 V2.

6.4. Uninterruptible Power Supply (UPS) Function

The Elite 200 V2 features an Uninterruptible Power Supply (UPS) function with a switching time of less than 15ms. This ensures seamless power transition for sensitive electronics during power outages, protecting your devices from data loss or damage.



The UPS function provides instant backup power, ensuring your essential devices remain operational.

7. MAINTENANCE

Proper maintenance will extend the lifespan and ensure optimal performance of your BLUETTI Elite 200 V2.

- Cleaning:** Use a dry, soft cloth to wipe the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- Storage:** If storing for an extended period, charge the unit to 50-80% and recharge every 3-6 months to prevent battery degradation. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Ventilation:** Ensure the ventilation vents are clear of obstructions during operation to prevent overheating.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your BLUETTI Elite 200 V2. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is fully discharged; Power button not pressed long enough.	Charge the unit; Press and hold the power button for 3-5 seconds.
AC output not working.	AC output not enabled; Overload protection activated.	Press the AC button to enable; Reduce connected load, then restart AC output.
Slow charging.	Low input power (e.g., weak solar input); High ambient temperature.	Ensure sufficient input power; Charge in a cooler environment.

Problem	Possible Cause	Solution
Display shows error code.	Internal fault or specific protection triggered.	Note the error code and refer to the BLUETTI app or contact customer support.

9. TECHNICAL SPECIFICATIONS

Detailed specifications for the BLUETTI Elite 200 V2 Portable Power Station.

Feature	Specification
Model	BLUETTI Elite 200 V2
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Capacity	2073.6Wh
AC Output	2600W (Pure Sine Wave), 3900W Power Lifting Mode
USB-C Output	2 x 100W Max
USB-A Output	2 x 15W Max
DC Output	12V/10A (Cigarette Lighter Port)
AC Input	2300W Max
Solar Input	1000W Max, 12-60VDC, 20A
Dimensions (L x W x H)	34 x 25 x 32 cm
Weight	24.2 kg
Operating Temperature	-20°C to 40°C (-4°F to 104°F)
Display	LCD Screen

10. WARRANTY AND SUPPORT

10.1. Manufacturer's Warranty

The BLUETTI Elite 200 V2 comes with a **5-year manufacturer's warranty**, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2. Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact BLUETTI customer support. You can typically find contact information on the official BLUETTI website or through your purchase platform.



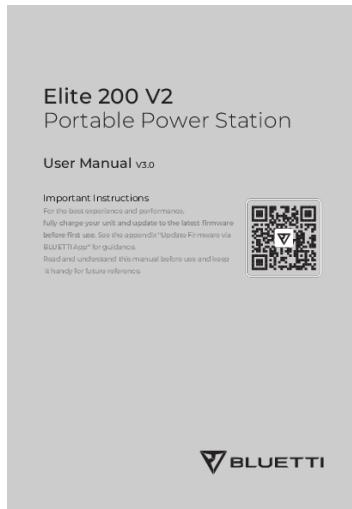
BLUETTI customer support is available to assist you with any questions or concerns.

11. IMPORTANT NOTES

No Official Product Videos Found: Based on the provided data, no official product videos from the seller (BLUETTI) were available for embedding in this manual. All media URLs provided were for images.

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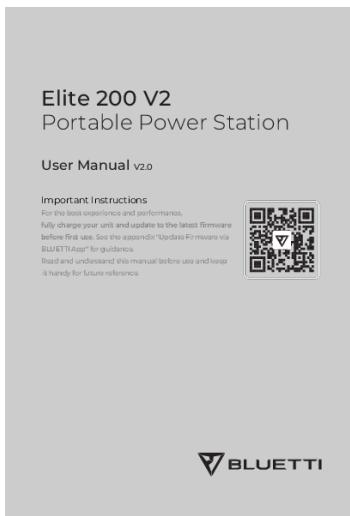


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User manual for the BLUETTI Elite 200 V2 Portable Power Station, covering setup, operation, charging, and safety instructions.

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2 60V

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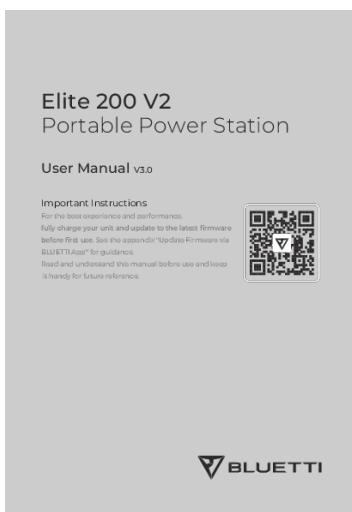


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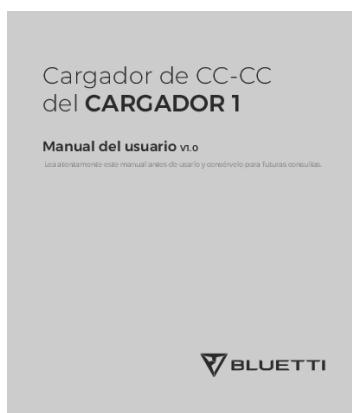
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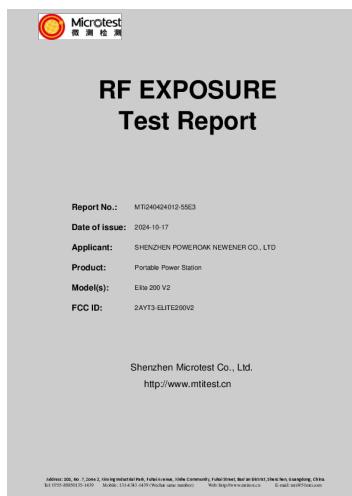
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Product name: Portable Power Station

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Product name: Portable Power Station

Model(s): Elite 200 V2

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