

Overview



Specifications

Battery

Capacity	2,073.6Wh (Non Expandable)
Battery Type	Automotive-Grade LFP
Life Cycles	6,000+ charge/discharge cycles to 80% capacity
Management System:	MPPT Controller, BMS, etc.

General

Bi-directional Inverter (No Adapter Required)	✓
Bypass Charging	✓
MPPT	✓
UPS	15ms
App Control	WiFi & Bluetooth
Accessory	Charger 1 Alternator Charger
Noise Level	16dB - 50dB
Charging Temperature	0°C - 40°C (32°F - 104°F)
Operating & Storage Temperature	-20°C-40°C(-4°F-104°F)
Working Altitude	Below 2,000 m / 6561 ft
Weight	24.2 kg / 53.4 lbs
Dimensions (L x W x D)	350 × 250 × 323.6 mm (13.78 x 9.84 x 12.74 in)
Warranty	5 Years

Output

Voltage	230V
Total Outlets	7
AC Outlets	2 * 230V/11.7A, 2,700W Max.
Inverter Type	Pure Sine Wave
DC Outlets	2 * USB-A 2 * USB-C(100W) 1 * Cigarette Lighter Port
Lifting Power	4,050W

Inputs

Voltage	230V
AC Input	2,300W Max.
Solar Input	1,000W Max.
AC Charging Time	1H to 80% 1.5H to 100%
Solar Charging time	2.4H to 100%
Charging Options	AC / PV / Car / Generator / Lead-acid Battery



Contact Us

EU-EN-V1.1



BLUETTI | TECHNOLOGY PIONEER IN CLEAN ENERGY

BLUETTI Premium 200 V2

Premium Series

Power Beyond Boundaries

2,073.6Wh | 2,700W

Safety First, Power with Confidence

Designed with safety in mind, Premium 200 V2 features automotive-grade **LiFePO4 battery cells**, **premium ABS materials**, and an intelligent protection system, giving you peace of mind for every single charge.













6000+ CYCLES



17 Years of Lifespan

Versatile Power Solution for Every Need

Compact, reliable, and powerful, the Premium 200 V2 is nicely built to meet your power needs across a variety of scenarios. Whether exploring the great outdoors, living off the grid, or preparing for unexpected power outages at home, the Premium 200 V2 handles it all.

Camping	Road-Trip	Home Backup	Out Door Events
			
 Laptop (60Wh) 22.7 Times	 Fan (40W) 31.7 Hours	 Coffee Maker (1000W) 1.6 Hours	 Drone (62.6Wh) 21.8 Times
 Smartphone (15Wh) 63.5 Times	 Dry Cleaning Machine (1000W) 1.6 Hours	 Ice Maker (600W) 2.6 Hours	 Portable Refrigerator (50W) 26.4 Hours

Charge Faster, Drive Farther

Charge faster, drive further with our innovative charging technology, ensuring you never miss a beat on your journey.

AC Charging

Without **Charging Brick**

⚡ Charged in **1.5H**

Solar Charging

Up to **1,000W** Solar Input

⚡ Charged in **2.4H**

Fast Car Charging

6X Faster Charging With Charger 1

⚡ Charged in **4.2H**



Compact Size, Mighty Power

The space-saving design makes it incredibly easy to transport and store, **even in tight spaces like RVs, cars, or small corners of your home**. Despite its small footprint, it packs a powerful punch, a perfect solution to maximize portability without sacrificing performance.



Ultimate Safety Assurance

With advanced **AI-powered BMS**, the Premium 200 V2 guarantees **24/7 comprehensive** protection. It intelligently detects and manages any risks that could damage the battery or compromise user safety, ensuring the unit stays in peak condition for years of reliable performance.



Seamless Switch, Zero Interruptions

The integrated UPS function instantly switches power **within 0.015 seconds**, **keeping your critical devices running smoothly** during outages. Plus, the memory mode saves your last settings, allowing you to pick up right where you left off without needing to reconfigure, saving you time and hassle.



Visualized Savings

Schedule charging and discharging with peak-load shifting function, **then track your savings** on the app effortlessly.



Whisper-Quiet Operation

Our intelligent cooling system adjusts fan speeds for optimal efficiency, ensuring rapid heat dissipation with whisper-quiet operation at only 16dB.

