Overview

323.6mm
(12.74in)

250mm
(9.84in)

350mm
(13.78in)

Solar Charging Cable

AC Charging Cable

Documentation

Grounding Screw

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

UK-EN-V1.0

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
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)	Fan (40W)	Coffee Maker (1000W)	Drone (62.6Wh)	Smartphone (15Wh)	Dry Cleaning Machine (1000W)	Ice Maker (600W)	Portable Refrigerator (50W)
22.7 Times	**31.7** Hours	**1.6** Hours	**21.8** Times	**63.5** Times	**1.6** Hours	**2.6** Hours	**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 **1.4H**

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.