



TECHNOLOGY
PIONEER
IN CLEAN ENERGY



BLUETTI AC200P L

Constant Power, For Extended Tour

2,304Wh-8,448Wh | 2,400W




Energy Independence, Starts Here

Best Power Solution for A Better RV Experience

When you're out there on the open road in your trusty RV, the BLUETTI AC200P L is your go-to choice. With a hefty 2,304Wh-8,448Wh capacity and 2,400W continuous output, it can handle just about any gadget you've brought along, making your RV feel like a home away from home.

What's new with the AC200P L? It's all about leveling up - faster charging, more power, less noise, and smarter controls. Whether you're off-road or off the grid, it's your reliable sidekick. And back at home, it's your backup power source.

Faster. Smarter. Mightier.

- Lower Noise Level
 - 1.6x Output Power
 - 1.3x Solar Input
 - 4X Charging Speed
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*Compared to the last generation

A Powerful Step Forward

Max. 8,448Wh Expandable Capacity	1 Hour to 80%	99% Devices Coverage
3,000+ Charge Cycles	10-Year Lifespan	5 Ways to charge
App Smart Control	0 Harmful Emissions	<50dB Silent Operation



Your Plug-and-play RV Power Solution

Non-stop Power for RV

With the D40 Voltage Regulator*, a DC-DC battery charger exclusively designed for RV, you can directly charge the 12V house batteries in your RV via AC200P L, solar panels, or starter batteries. Thus, the essentials in your mobile home, such as the mini fridge, air conditioner, and tire pump, will be backed by sufficient power source.

* Sold separately.



Charge Your RV Anytime, Anywhere

With a TT-30 port, you can power your RV directly from the AC200P L, making it a dependable source of energy on wheels. You can charge your laptop, cellphone, and camera while you savor your meal in style.



Fastest Charging in its Power Class

2,400W AC Charging

With accelerated 2,400W AC charging, replenish to 80% capacity in just 1 hour, and 1.5 hours for a full charge! AC200P L sets a new standard for most competitors in the market. Get ready to power up swiftly for uninterrupted use during your adventures.



1,200W Solar Charging

The solar intake of AC200P L has also elevated to 1,200W, the fastest in its class. Coupled with an unparalleled 99% MPPT efficiency, it guarantees optimal solar energy generation even under low light conditions, allowing your devices to charge in no time.



Up to 8kWh Expandable Capacity

AC200P L is perfectly compatible with B210P, B230, and B300 expansion batteries. So you can customize the capacity to an incredible 8,448Wh. Making the full potential of limitless power has never been easier.



Ready for 99% of Devices

The AC200P L delivers 2,400W rated power, covering most loads in your RV or at home. Activate the Power Lifting mode via the BLUETTI App, and you can kick it up a notch and run power-hungry heating devices up to 3,600W.



10-year Peace of Mind

AC200P L is equipped with the industry-leading LiFePO₄ battery and advanced Battery Management System (BMS) to ensure optimal safety and reliability. Trust in a powerhouse that's as secure as it is powerful.

- UL Certification
- Over Temperature Protection
- Over Voltage Protection
- Overload Protection
- Over Current Protection
- Short Circuit Protection
- Under Voltage Protection



Charge Your Way, Power Your Way

Flexible to get it charged via AC outlets, solar panels, car charger, generator, or lead-acid batteries, you can stay powered and explore the unknown with confidence even far off the grid.

Wall Socket 1.5 Hours (2,400W Max.)	Solar Panel 2.5 Hours (1,200W Max.)	Car Port 12.5 Hours (200W Max.)
Generator 2 Hours (2,000W Max.)	Lead-acid Battery 12.5 Hours (200W Max.)	

13 Outputs for Diverse Charging

NEMA TT-30 *1	
Wireless Charging Pad*2	
Cigarette Lighter Port*1	
20A AC Outlet*4	
48V RV Port*1	
USB-C Port*2	
USB-A Port*2	

Global Available Socket



Wide Applications



RV Trip

Blender (1,400W) 1.3 Hours	Coffee Maker (1,700W) 1 Hour	Portable Fridge (110W) 15.5 Hours	Electric Grill (1,560W) 1.2 Hours



Camping

Camera (60Wh) 21 Times	Laptop (70Wh) 17 Times	Drone (40Wh) 31 Times	Projector (220W) 8.1 Hours



Home Backup

Air Conditioner (900W) 2 Hours	Hair Dryer (1,600W) 1.2 Hours	Microwave (1,000W) 1.9 Hours	Dishwasher (1,300W) 1.4 Hours

Specifications

General Data

Capacity	2,304Wh
Cell Type	LiFePO ₄
AC + DC Input	2,400W Max.
Charging Temperature	0°C-40°C / 32°F-104°F
Discharging Temperature	-20°C-40°C / -4°F-104°F

Output

Power	2,400W in total
Voltage	120VAC
Current	20A
Frequency	50Hz / 60Hz
Cigarette Lighter Port*1	12VDC / 10A
USB-A *2	5VDC / 3A, 9VDC / 2A, 12VDC / 1.5A, 18W Max.
USB-C *2	5 / 9 / 12 / 15 / 20VDC, 3A; 20VDC, 5A
48V DC Port*1	48VDC / 8A
Wireless Charging Pad*2	15W Max.

AC Input

Voltage	120VAC
Current	20A Max.
Frequency	50Hz / 60Hz
UPS Switching time	≤20ms

DC/PV Input

Power	1,200W Max.
Voltage	12V-145V

Others

Connectivity	WiFi / Bluetooth
Dimensions (L * W * H)	420mm * 280mm * 366.5mm / 16.5in * 11in * 14.4in
Net Weight	28.3kg / 62lbs
Certifications	UN38.3, 3C, SRRC, FCC, IC, UL, PSE, TELEC, CE, NTC, RCM

BLUETTI Solar Panel Recommendations

PV120 x 5 6.4~7.7 Hours	PV200 x 5 3.8~4.6 Hours
PV350 x 3 3.6~4.3 Hours	PV420 x 3 3~3.6 Hours

