

Overview



Specifications

Battery Capacity	320Wh (20Ah)
Battery Type	LiFePO ₄
Weight	About 4.3kg/ 9.48lbs
Dimensions (L × W × H)	250 × 178 × 167.5mm (9.8 × 7 × 6.6in)
Charging Temperature	0°C to 40°C (32°F to 104°F)
Discharging Temperature	-20°C to 40°C (-4°F to 104°F)
Storage Temperature	-20°C to 40°C (-4°F to 104°F)
Operating Humidity	10% to 90%
AC Charging	380W Max., 80% in 45 mins, @ 25°C / 77°F
AC Input (with Bypass)	980W Max.
DC Input	200W Max., 12V-28V, 10A Max.
AC + DC Input	380W Max.
AC Output	600W in Total, 230V/2.61A, 50Hz/60Hz

Uninterruptible Power Supply (UPS)

Switchover Time	≤10ms
DC Output	
1 × Cigarette Lighter Port	12V/10A
2 × DC5521	12V/5A (per Port), 8A in Total
2 × USB-A	5V/3A (per Port), 15W Max.
1 × 100W USB-C	100W Max., 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A
1 × 140W USB-C	140W Max., 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A, 28V/5A
AC + DC Output	600W Max.
IP Rating	IP20

Note:
The cigarette lighter port and DC5521 ports are wired in parallel with a total maximum output of 10A.



Contact Us

EU/UK/AU-EN-V1.0



BLUETTI Premium 30 V2

Portable Power Station

Premium Series

Carry Less, Power More.

320Wh | 600W

Carry Less, Power More.

A compact and portable energy solution yet packs a serious punch—ideal for beginners looking instant access to mobile power on the move.

Featuring multiple advanced technologies, the Premium 30 V2 blends high performance with exceptional portability. It's user-friendly for green hands, perfect for weekend fun, picnics, camping, or excursions. Fashion meets function—wherever you go, power follows in style!



1,500W

Lifting Power



200W

Solar Input



980W Max.

Bypass



4.3kg/ 9.48lbs

Ultra- Lightweight



≤10ms

UPS Switching Time



Multiple Charging

Ways (7 Ways)



30dB Whisper-Quiet

(200W Loads)



Safest

LiFePO₄ Battery



4.6kg | 268Wh

11% Smaller

20% More Power



Premium 30 V2

4.3kg | 320Wh

Power in Hand, Wherever You Head

Weighing just **4.3 kg** with a **320Wh** capacity, it's light enough for anyone—even kids—to lift and take anywhere.



167.5mm
250mm
178mm

600W "Everyday" Power, 1,500W Mighty Lifting Power

600W rated power is quite enough for running most small devices at once. Activate Power Lifting Mode to handle high-resistance devices like electric kettles and small ovens effortle.

Street Performing



Road Trips



Camping



Kitchen



 Drone (60Wh)
4 Times

 Laptop (60Wh)
5 Times

 Smartphone (15Wh)
18 Times

 Electric Blanket (90W)
2.8 Hours

 Car Fridge (120W)
2.2 Hours

 Camping light (10W)
27.4 Hours

 Hair Dryer (600W)
0.4 Hours

 Microwave oven (800 W)
20.3 Minutes

Instant 10ms UPS, Seamless Switchover

Switches within 10ms for worry-free outage protection. Supports 980W bypass for simultaneous charging and discharging when plugged into AC outlets.



10ms UPS Switching Time



980W Max. Bypass

Lower Self-Consumption, Longer Runtime

Thanks to our next-gen UltraCell™ technology and intelligent thermal management, the Premium 30 V2 cuts system power draw by 50%, dropping standby consumption to just 4.5W.

Premium 30 V2 Self-Consumption:

No Load **4.5W** | DC Standby **5W** | AC Standby **8W** | AC + DC Standby **9W**

Flexible to Charge, Freedom to Power



AC Outlets

50 Minutes to 80%



Solar Panels

2.2 Hrs to 100% (200W Max.)



Car Cigarette Lighter



Charger



Generator



AC+DC Dual Charging



Lead-acid Battery



B80P Battery Pack (Power Bank Mode)

All-new PD 3.1 Fast Charging Superior Power Delivery

The Premium 30 V2 features a USB-C port with PD 3.1 protocol, delivering up to 140W output—enough to rapidly charge high-performance laptops like MacBook Pro.

10 Years of Reliable Performance

Equipped with advanced LiFePO₄ battery cells, the Premium 30 V2 offers up to 3,000 charge cycles while ensuring safe and stable operation—even in harsh environm.

10

Year Lifespan

3,000+

Charge Cycles

