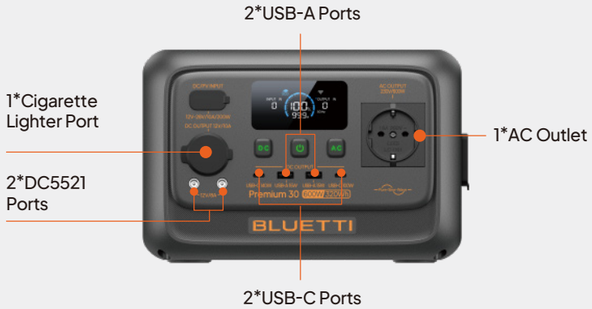
Overview




AC Charging Cable (1.5 m)


Documentation


Car Charging Cable (28.35in / 0.72m)


Grounding Screw (M5*8, ×1)


EU


UK


AU

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
- ≤10ms UPS Switching Time
- 200W Solar Input
- Multiple Charging Ways (7 Ways)
- 980W Max. Bypass
- 30dB Whisper-Quiet (200W Loads)
- 4.3kg/ 9.48lbs Ultra- Lightweight
- Safest $LiFePO_4$ Battery



4.6kg | 268Wh

11% Smaller
20% More Power

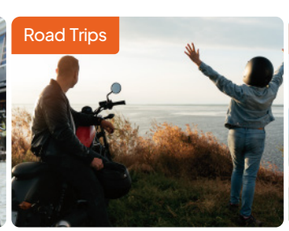
Premium 30 V2
4.3kg | 320Wh



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.









Drone (60Wh)	Laptop (60Wh)	Smartphone (15Wh)	Electric Blanket (90W)	Car Fridge (120W)	Camping light (10W)	Hair Dryer (600W)	Microwave oven (800 W)
4 Times	5 Times	18 Times	2.8 Hours	2.2 Hours	27.4 Hours	0.4 Hours	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.





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
- Charger1
- 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

