



TECHNOLOGY
PIONEER
IN CLEAN ENERGY



Everyday Power Premium Quality

BLUETTI Premium Series

The Premium Series Overview

Built for those who seek reliability, efficiency, and affordability — all in one package. The Premium Series brings smart energy to everyday life, making it effortless and accessible for all.

Product Model	Premium 30 V2	Premium 100 V2	Premium 200 V2
Image			
Capacity	320 Wh	1,024 Wh	2,073.6 Wh
Output Power	600 W	2,000 W	2,700 W
Lifting Power	1,500 W	2,700 W	4,050 W
Battery Type	LiFePO ₄	LiFePO ₄	Automotive-Grade LiFePO ₄
Life Cycles	3,000+ cycles @ 80% original capacity	4,000+ cycles @ 80% original capacity	6,000+ cycles @ 80% original capacity
Warranty	5 Years	5 Years	5 Years
Multiple Outlets	<ul style="list-style-type: none">• 2× AC Outlets• 2 × 15 W USB-A• 1×100 W USB-C• 1× 140 W USB-C• 1× 12 V Cigarette Lighter Port• 2 × 12 V DC5521	<ul style="list-style-type: none">• 2× AC Outlets• 2 × 15 W USB-A• 1× 100 W USB-C• 1× 140 W USB-C• 1× 12 V Cigarette Lighter Port• 2 × 12 V DC5521	<ul style="list-style-type: none">• 2× AC Outlets• 2 × 15 W USB-A• 2 × 100 W USB-C• 1× 12 V Cigarette Lighter Port
AC Input	380 W Max.	1,200 W Max.	2,300 W Max.
Solar Input	200 W Max.	1,000 W Max.	1,000 W Max.
Charging Options	AC/AC+DC/Solar/Car/Charger 1/Lead-acid battery/Generator/B80 (Power Bank Mode)	AC/AC+DC/Solar/Car/Charger 1/Lead-acid battery/Generator/B80 (Power Bank Mode)	AC/AC+DC/Solar/Car/Charger 1/Lead-acid battery/Generator/B80 (Power Bank Mode)
UPS	≤10 ms	≤10 ms	≤15 ms
MPPT	√	√	√
App Control	Bluetooth & WiFi	Bluetooth & WiFi	Bluetooth & WiFi
Weight	4.3 kg (9.48 lbs)	11.5 kg (25.3 lbs)	24.2 kg (53.35 lbs)
Dimensions (L x W x D)	250 x 178 x 167.5 mm 9.8 × 7 × 6.6 inch	320 × 215 × 250 mm 12.6 × 8.5 × 9.8 inch	350 × 250 × 324 mm 13.78 × 9.84× 12.74 inch

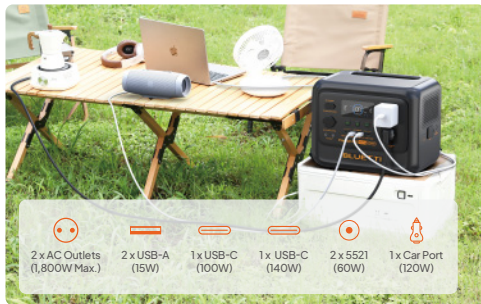
Camp light. Backup light.

Powered by advanced UltraCell™ technology, the Premium 100 V2 perfectly blends top-tier portability with high-performance output in the 1kWh category—whether you're heading out for camping or prepping for a short-term power outage at home, this compact powerhouse has you covered.

Why Choose BLUETTI Premium 100 V2

Compact and Lightweight

Weighing 11.5 kg with a compact 17L design and a sleek hidden handle, the Premium 100 V2 sets a new benchmark in grab-and-go portability. It's a perfect companion for camping, road trips, or emergency power needs at home.



1 Device. 9 Ports.

With 9 versatile ports and a continuous 1,800W output, the Premium 100 V2 powers nearly all your essentials. Activate the Power Lifting Mode via the BLUETTI app, it can handle up to 2,700 W pure resistive devices like ovens, kettles, or even welders. Featuring groundbreaking HyperVolt™ technology, you get an industry-leading 3,600 W surge power—enough to start energy-intensive appliances effortlessly.

Fast Charging

Powered by TurboBoost™ fast-charging tech, the Premium 100 V2 charges to 80% in just 45 minutes with 1,200 W AC fast charging, fully charges in 70 minutes with 1,000 W solar input, or achieves 6X faster car charging than standard chargers—keeping your power flowing without worry wherever you need.



Specifications

General

Model	Premium 100 V2
Battery Capacity	1,024 Wh (20Ah)
Battery Type	LiFePO ₄
Life Cycles	4,000+ Cycles to 80% Original Capacity
Management System	MPPT Controller,BMS,etc.
Charging Temperature	0°C to 40°C (32°F to 104°F)
Discharging Temperature	-20°C to 40°C (-4°F to 104°F)
Connectivity	WiFi & Bluetooth
UPS Switching Time	≤10 ms
Weight	11.5 kg (25 lbs)
Dimensions (L×W×H)	320×215×250 mm (12.6×8.5×9.8 in)

Input

AC Input (Charging+Bypass)	2,300 W Max.
AC Charging	1,200 W Max.
Voltage	230 V AC
Max. Current	5.2 A
DC Input	1,000 W Max., 12 V-60 V, 20A Max.
AC+DC Charging	1,200 W Max.
AC Charging Time	45 min to 80%, 70 min to 100%
Solar Charging Time	70 min to 100%
Charging Options	AC / Solar / Car / Generator / AC+Solar

Output

AC+DC Output	2,000 W Max.
AC Output	1,800 W Max.
Voltage	230 VAC
Current	7.8 A
Total Outlets	9
AC Outlets	2
DC Outlets	7
	1x Cigarette Lighter Port 12 V/10 A
	2×DC5521 Port 12V/5A per port,total 8A Max
	2×USB-A 15W Max. 5V/3A per port
DC Output	1×100W USB-C 5V/3A,9V/3A,12V/3A,15V/3A,20V/5A
	1×140W USB-C 5V/3A,9V/3A,15V/3A,20V/5A,28V/5A
Surge Power	3,600 W
Power lifting Mode	2,700 W

Global Available Socket



EU



UK



AU

About BLUETTI

Founded in 2009, BLUETTI has been a pioneer in clean energy solutions. With over a decade of innovation and commitment to sustainability, BLUETTI has curated a diverse range of reliable products tailored for adventures, emergency backup power, and off-grid living, shaping a smarter, greener future we share.



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