



TECHNOLOGY  
PIONEER  
IN CLEAN ENERGY



# Portable Power Station

Premium Series

For Every Power-Packed Adventure



## Faster Charging

- Ready to go within **1 hour** with AC Turbo Charging or PV charging
- Tap into abundant energy of the sun through **efficient PV charging**.

## More Compact & Powerful

- High-density LFP** battery cells for impressive capacity
- Lifting Power** for high-wattage resistive loads like hair dryers, electric kettles, etc.

## Longer Lifespan

- Reliable LFP batteries and intelligent BMS (Battery Management System) provide optimal performance and up to **10 years of lifespan**.

## Higher Scalability

- Modular design** allows for flexible capacity ranging from **1.8kWh to 10kWh**, and up to 8 tailored solutions to cater to your unique power requirements.

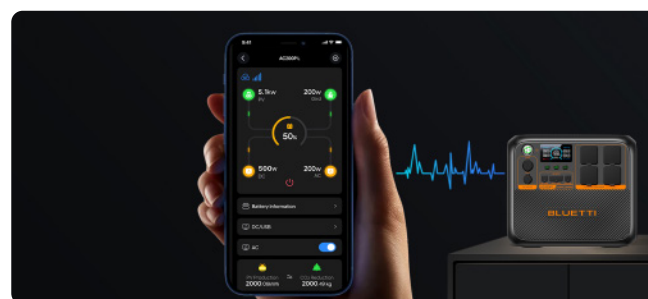
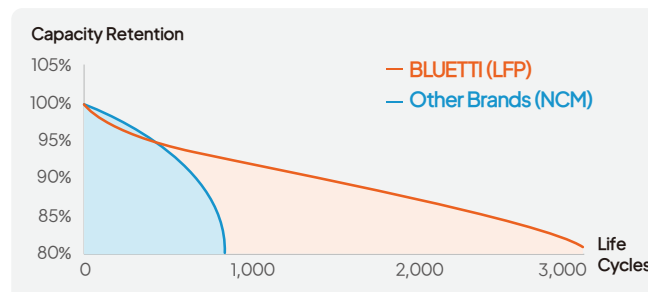
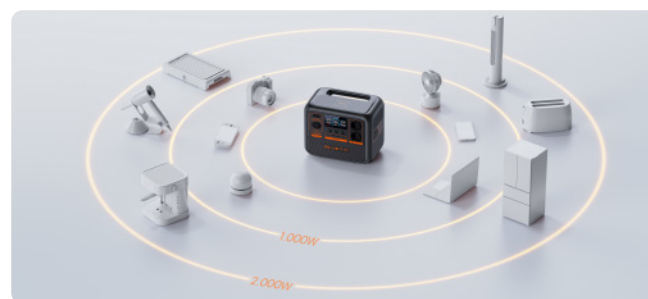
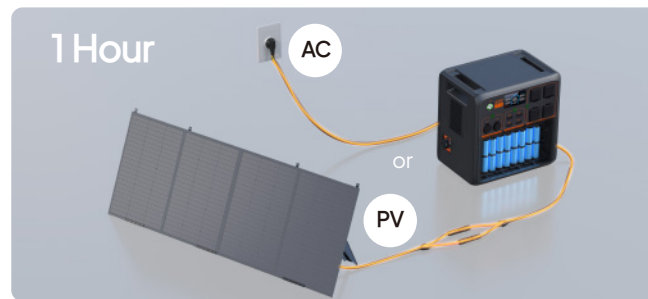
## Smarter Control

- With the intuitive **BLUETTI App**, you can monitor your power status in real time and customize your setup effortlessly, simply manage energy in the **palm of your hand**.

## Dynamic Design

- The Premium series products come in vibrant orange, embodying **warmth, hope, and the full spirit of energy**.

BLUETTI

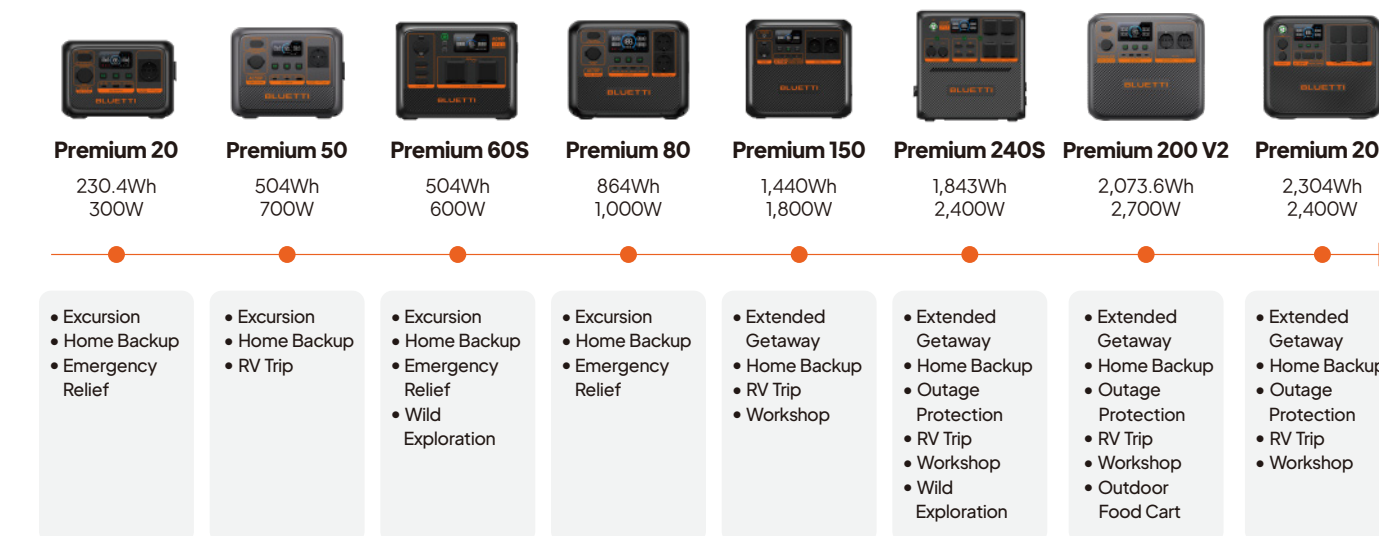


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## Applications



## For Every Power-Packed Adventure



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## Portable Power Station Premium Series

**Premium 20 (AC2P)** SKU: P-AC2P-EU-GY-BL-010  
EAN: 6970991294532

**230.4Wh | 300W**

Weight	3.6 kg (7.9 lbs)
Dimensions (L x W x H)	250 x 150 x 180 mm (9.8 x 5.9 x 7.1 in)
Lifting Power	600W
Expandable Capacity	/

1\* AC | 1\* Car Port | 2\* USB-A | 1\* USB-C

**Premium 50 (AC50P)** SKU: P-AC50P-EU-GY-BL-010  
EAN: 6970991296536

**504Wh | 700W**

Weight	6.9 kg (15.2 lbs)
Dimensions (L x W x H)	280 x 200 x 220 mm (11.0 x 7.9 x 8.7 in)
Lifting Power	1,200W
Expandable Capacity	/

1\* AC | 1\* Car Port | 1\* USB-A | 2\* USB-C | 1\* Wireless Charger

**Premium 60S (AC60P)** SKU: P-AC60P-EU-GY-BL-010  
EAN: 6970991292675

**504Wh | 600W**

Weight	9.6 kg (21.16 lbs)
Dimensions (L x W x H)	290 x 205 x 234 mm (11.4 x 8.1 x 9.2 in)
Lifting Power	1,200W
Expandable Capacity	2,116Wh (With 2x B80P)

2\* AC | 1\* Car Port | 2\* USB-A | 1\* USB-C | 1\* Wireless Charger

**Premium 80 (AC70P)** SKU: P-AC70P-EU-GY-BL-010  
EAN: 6970991294235

**864Wh | 1,000W**

Weight	10.7 kg (23.6 lbs)
Dimensions (L x W x H)	314 x 210 x 256 mm (12.4 x 8.2 x 10.1 in)
Lifting Power	2,000W
Expandable Capacity	power bank mode 1,670Wh (With 1x B80P)

2\* AC | 1\* Car Port | 2\* USB-A | 2\* USB-C | 1\* Wireless Charger

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Battery	LiFePo4
Life Cycles	3,000+
PV Input	12V~28V,200W Max.
Bidirectional Inverter	✓
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years

Battery	LiFePo4
Life Cycles	3,000+
PV Input	12V~28V,200W Max.
Bidirectional Inverter	✓
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years

Battery	LiFePo4
Life Cycles	3,000+
PV Input	12V~28V,200W Max.
Bidirectional Inverter	✓
IP Grade	IP65
Others	MPPT, UPS, APP
Warranty	6 Years

Battery	LiFePo4
Life Cycles	3,000+
PV Input	12V~58V,500W Max.
Bidirectional Inverter	✓
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years

AC	1.4 H (270W Max.)
Solar	1.5 H (200W Max.)
Car	1.5 H (200W Max.)
Generator	1.4 H (270W Max.)

AC	1.3 H (600W Max.)
Solar	3 H (200W Max.)
Car	3 H (200W Max.)
Generator	1.3 H (600W Max.)

AC	1.3 H (600W Max.)
Solar	3 H (200W Max.)
Car	3 H (200W Max.)
Generator	1.3 H (600W Max.)



## Portable Power Station Premium Series

**Premium 150 (AC180P)** SKU: P-AC180P-EU-GY-BL-010  
EAN: 6970991292668



**1,440Wh | 1,800W**

Weight	17.0 kg (37.5 lbs)
Dimensions (L × W × H)	340 × 247 × 317 mm (13.4 × 9.7 × 12.5 in)
Lifting Power	2,700W
Expandable Capacity	power bank mode 2,246Wh (With 1 x B80P)

2\* AC | 1\* CarPort | 4\* USB-A | 1\* USB-C | 1\* Wireless Charger

**Premium 240S (AC240P)** SKU: P-AC240P-EU-GY-BL-010  
EAN: 6970991294877



**1,843Wh | 2,400W**

Weight	33.0 kg (72.0 lbs)
Dimensions (L × W × H)	420 × 294 × 410 mm (16.5 × 11.6 × 16.1 in)
Lifting Power	3,600W
Expandable Capacity	10,443Wh

4\* AC | 1\* CarPort | 2\* USB-A | 2\* USB-C | 1\* RV Port

**Premium 200 V2** SKU: TBD  
EAN: TBD



**2,073.6Wh | 2,700W**

Weight	24.2 kg (53.35 lbs)
Dimensions (L × W × H)	350 × 250 × 323.6 mm (13.78 × 9.84 × 12.74 in)
Lifting Power	4,050W
Expandable Capacity	/

2\* AC | 1\* CarPort | 2\* USB-A | 2\* USB-C

**Premium 200 (AC200PL)** SKU: P-AC200PL-EU-GY-BL-010  
EAN: 6970991294754



**2,304Wh | 2,400W**

Weight	28.3 kg (62.4 lbs)
Dimensions (L × W × H)	420 × 280 × 367 mm (16.5 × 11.0 × 14.4 in)
Lifting Power	3,600W
Expandable Capacity	6,604Wh (With 2 x B210P) 7,834Wh (With 2 x B300K)

4\* AC | 1\* CarPort | 2\* USB-A | 2\* USB-C | 2\* Wireless Charger | 1\* RV Port

Battery	LiFePO <sub>4</sub>
Life Cycles	3,500+
PV Input	12V~60V, 500W Max.
Bidirectional Inverter	✓
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years

### Charging Time

AC	1.5 H (1,440W Max.)
Solar	3.3 H (500W Max.)
Car	7.2 H (200W Max.)
Generator	1.5 H (1,440W Max.)

Battery	LiFePO <sub>4</sub>
Life Cycles	3,500+
PV Input	11V~60V, 1,200W Max.
Bidirectional Inverter	✓
IP Grade	IP65
Others	MPPT, UPS, APP
Warranty	6 Years

### Charging Time

AC	1.2 H (2,400W Max.)
Solar	1.8 H (1,200W Max.)
Car	9.2 H (200W Max.)
Generator	1.2 H (2,400W Max.)

Battery	LiFePO <sub>4</sub>
Life Cycles	6,000+
PV Input	11V~60V, 1,000W Max.
Bidirectional Inverter	✓
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years

### Charging Time

AC	1.4 H (1,800W Max.)
Solar	2.4 H (1,000W Max.)
Car	4.2 H (560W Max.)
Generator	2 H (1,200W Max.)

Battery	LiFePO <sub>4</sub>
Life Cycles	3,500+
PV Input	12V~145V, 1,200W Max.
Bidirectional Inverter	✓
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years

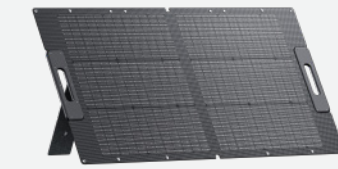
### Charging Time

AC	1.5 H (2,400W Max.)
Solar	2.8 H (1,200W Max.)
Car/ Lead acid Battery	12.5 H (200W Max.)
Generator	2 H (2,000W Max.)

## Solar Panel

**PV100D**

SKU: P-PV100D-UG-NO-BL-010  
EAN: 6970991296505



**100W**

Weight	4.9 kg / 10.8 lbs
Dimensions	Unfolded: 1,135 × 608 mm (44.7 × 23.9 in) Folded: 608 × 582.5 × 35 mm (23.9 × 22.9 × 1.4 in)
Cell Type	Monocrystalline Silicon
Cell Efficiency	Up to 23.4%

**PV120D**

SKU: P-PV120D-EU-BK-BL-020  
EAN: 6970991295287



**120W**

Weight	5.36 kg (11.8 lbs)
Dimensions	Unfolded: 1,760 × 500 mm (69.3 × 19.7 in) Folded: 500 × 500 × 45 mm (19.7 × 19.7 × 1.7 in)
Cell Type	Monocrystalline Silicon
Cell Efficiency	Up to 23.4%

**PV200D**

SKU: P-PV200D-EU-BK-BL-020  
EAN: 6970991295270



**200W**

Weight	8.14 kg (17.9 lbs)
Dimensions	Unfolded: 2,105 × 608 mm (82.8 × 23.9 in) Folded: 585 × 608 × 45 mm (23 × 23.9 × 1.7 in)
Cell Type	Monocrystalline Silicon
Cell Efficiency	Up to 23.4%

**PV350D**

SKU: P-PV350D-EU-BK-BL-010  
EAN: TBD



**350W**

Weight	14.3 kg (31.5 lbs)
Dimensions	Unfolded: 2,778 × 805 mm (109.4 × 31.6 in) Folded: 805 × 736 × 45 mm (31.6 × 28.9 × 1.7 in)
Cell Type	Monocrystalline Silicon
Cell Efficiency	Up to 23.4%

Voltage at Max. Power (Vmp)	20.5 V
Current at Max. Power (Imp)	4.9A
Open Circuit Voltage (Voc)	24.6V
Short Circuit Current (Isc)	5.8A
IP Grade	IP67
Compatibility	All BLUETTI Premium Power Stations
Warranty	12 Months

Voltage at Max. Power (Vmp)	20.8 V
Current at Max. Power (Imp)	6.0 A
Open Circuit Voltage (Voc)	24.6 V
Short Circuit Current (Isc)	6.6 A
IP Grade	IP67
Compatibility	All BLUETTI Premium Power Stations
Warranty	12 Months

Voltage at Max. Power (Vmp)	20.4 V
Current at Max. Power (Imp)	9.7 A
Open Circuit Voltage (Voc)	24.6 V
Short Circuit Current (Isc)	10.8 A
IP Grade	IP67
Compatibility	All BLUETTI Premium Power Stations
Warranty	12 Months

Voltage at Max. Power (Vmp)	37.0 V
Current at Max. Power (Imp)	9.5 A
Open Circuit Voltage (Voc)	44.0 V
Short Circuit Current (Isc)	11.4 A
IP Grade	IP67
Compatibility	Premium 80/ Premium 150/ Premium 240S/ Premium 200
Warranty	12 Months

## Expansion Battery

**B80P**

SKU: B80P-EU-GY-BL-00  
EAN: 6970991292682



**806Wh**

Weight	9.9 kg (21.8 lbs)
Dimensions	290 × 207 × 204 mm (11.4 × 8.2 × 8.0 in)
Total Outlets	3
Battery	LiFePO <sub>4</sub>
Life Cycles	3,000+

**B210P**

SKU: P-B210P-EU-GY-BL-010  
EAN: 6970991294945



**2,150Wh**

Weight	27.9 kg (61.5 lbs)
Dimensions	417 × 282 × 270 mm (16.4 × 11.1 × 10.6 in)
Total Outlets	3
Battery	LiFePO <sub>4</sub>
Life Cycles	3,500+

**BlueCell 300 (B300K)**

SKU: P-B300K-EU-GY-BL-010  
EAN: 6970991296185



**2,764.8Wh**

Weight	29.5 kg (65.04 lbs)
Dimensions	525 × 327 × 209 mm (20.67 × 12.87 × 8.23 in)
Total Outlets	1
Battery	LiFePO <sub>4</sub>
Life Cycles	4,000+

## PV Optimizer (D40)

SKU: A-BM-D40-UG-O9V15V4  
EAN: 6970991296185

Charging Power	Max. Output Current	Max. Output Voltage	DC Input	IP Grade	Weight	Dimensions (L × W × H)	Compatibility
400W	20 A (With Premium 200) 30 A (With Solar Panel)	Lead-acid: 14.4 V LiFePO <sub>4</sub> : 14.4 V AGM / Gel: 14.7 V Calcium: 15.4 V	48 V DC Input: 45 V to 60 V DC PV / Starter--Battery Input: 12 V to 36 VDC, 20 A Max.	IP20	2.0 kg (4.4 lbs)	232.7 × 180.7 × 69.2 mm (9.2 × 7.1 × 2.7 in)	Premium 200

## Charger 1 (D60L)

SKU: A-CG-D60L-UG-DC  
EAN: 6970991296277

Power	Current	Default Voltage	Voltage Range	DC Input	IP Grade	Working Temperature	Weight	Dimensions (L × W × H)
560W	10A	27V	15.0V to 56.0V (Adjustable Via APP) (With 12V Battery) 27.0V to 56.0V (Adjustable Via APP) (With 24V Battery)	12V, 50A Max. (With 12V Battery) 24V, 25A Max. (With 24V Battery)	IP20	-20°C to 60°C (-4°F to 140°F)	1.2 kg (2.65 lbs)	145 × 110 × 60 mm (5.71 × 4.33 × 2.36 in)

IP Grade	IP65
Compatibility	Premium 60S / Premium 80 / Premium 150
Warranty	6 Years

### Charging Time

AC Adapter	4.5 H (200W Max.)
Solar	4.5 H (200W Max.)
Car	4.5 H (200W Max.)

IP Grade	IP65
Compatibility	Premium 200 / Premium 240S
Warranty	6 Years

### Charging Time

AC Adapter	4.8 H (470W Max.)
Solar	4.5 H (500W Max.)
Car	10 H (200W Max.)

IP Grade	IP20
Compatibility	Premium 200 / AC200MAX / AC300 / AC500
Warranty	4 Years

### Charging Time

Need to Connect with BLUETTI Power Station

## Runtime

	Premium 20	Premium 50	Premium 60S	Premium 80	Premium 150	Premium 240S	Premium 200 V2	Premium 200
Phone (10Wh)	11 Times	22 Times	25 Times	43 Times	72 Times	92 Times	79 Times	116 Times
Portable Fridge (65W)	2.6 Hours	5.2 Hours	5.4 Hours	8.6 Hours	14.4 Hours	19.1 Hours	21.2 Hours	23.9 Hours
Laptop (70Wh)	2 Times	4 Times	4 Times	7 Times	11 Times	14 Times	19 Times	18 Times
Coffee Maker (1,500W)	-	-	-	-	0.8 Hours	1.0 Hour	1.1 Hours	1.2 Hours

## Home Backup

WiFi Router (7W)	12.7 Hours	23 Hours	23.7 Hours	31.4 Hours	52.4 Hours	77.6 Hours	4 Days	97.0 Hours
TV (60W)	2.3 Hours	5 Hours	5.8 Hours	9.2 Hours	15.4 Hours	20.5 Hours	22.7 Hours	25.6 Hours
Refrigerator (100W)	1.7 Hours	3.5 Hours	3.7 Hours	6.0 Hours	10.0 Hours	13.2 Hours	14.4 Hours	16.5 Hours

## Workshop

Blender (1,400W)	-	-	-	-	0.8 Hours	1.0 Hour	1.1 Hours	1.3 Hours
Electric Hammer (1,000W)	-	-	-	-	1.1 Hours	1.4 Hours	1.6 Hours	1.8 Hours
Circular Saw (1,800W)	-	-	-	-	0.6 Hours	0.8 Hours	0.9 Hour	1.0 Hour

Note: For reference only.



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