Portable Power Station

Premium Series

For Every Power-Packed Adventure

5+ Year Warranty   **10** Year Lifespan

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.**

1 Hour — AC or PV

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.**

Capacity Retention
— BLUETTI (LFP)
— Other Brands (NCM)
105% 100% 95% 90% 85% 80%
0 1,000 2,000 3,000 Life Cycles

Higher Scalability

- **Modular design** allows for flexible capacity ranging from **1.8kWh to 20kWh**, and up to 8 tailored solutions to cater to your unique power requirements.
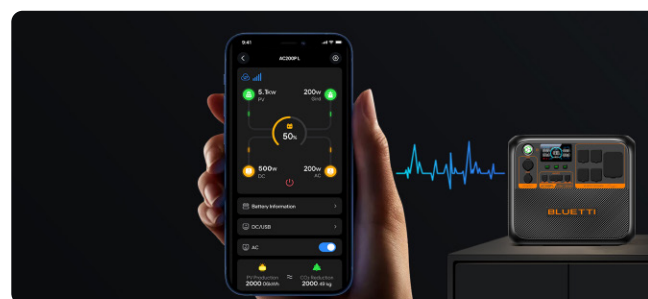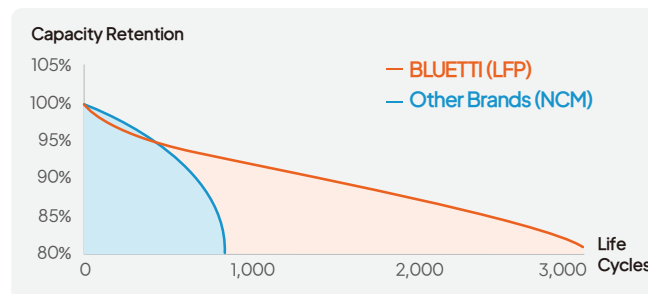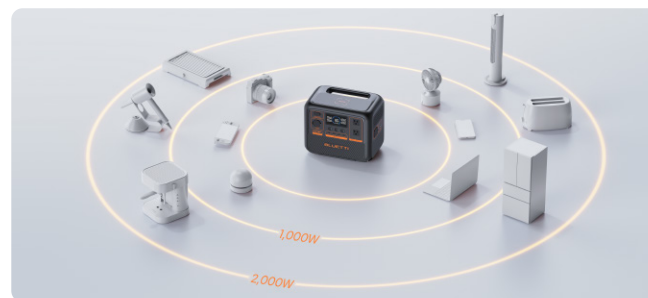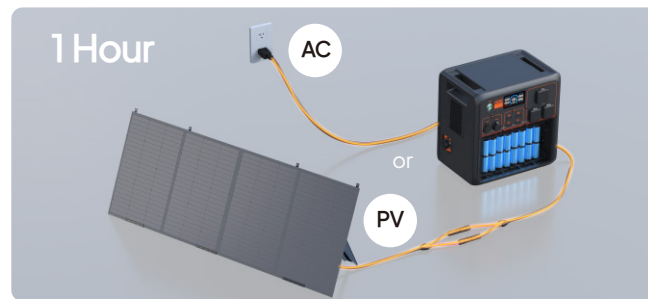
Smarter Control

- 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.**

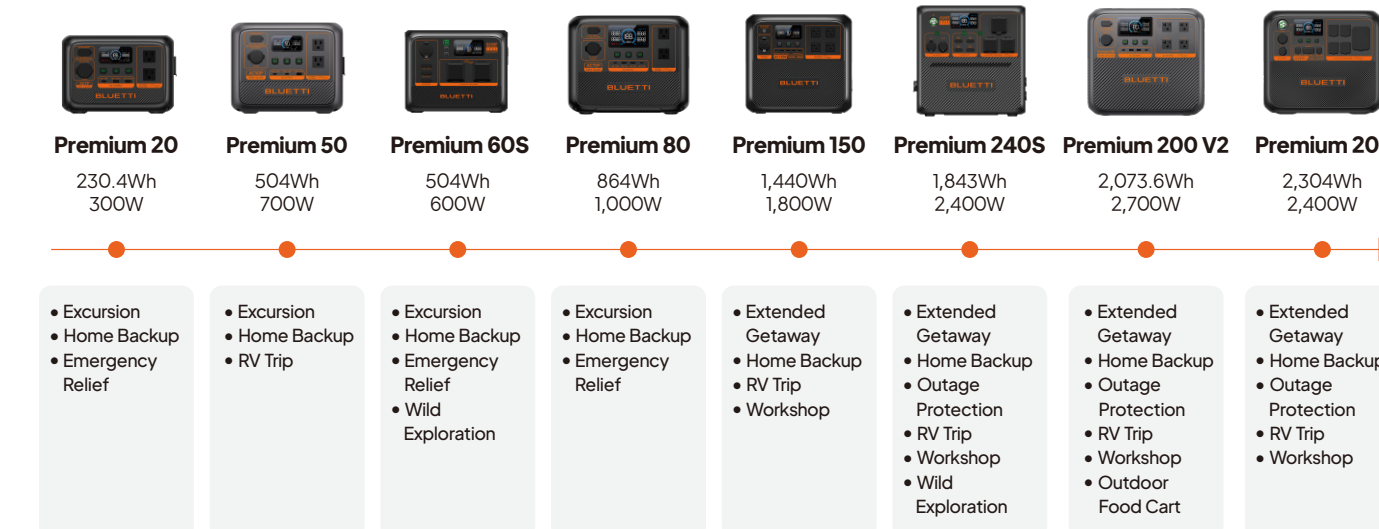## Applications

Outdoor Activity	Emergency Relief
RV Trip	Home Backup / Workshop
	Harsh Conditions

For Every Power-Packed Adventure

Premium 20	Premium 50	Premium 60S	Premium 80	Premium 150	Premium 240S	Premium 200 V2	Premium 200
230.4Wh 300W	504Wh 700W	504Wh 600W	864Wh 1,000W	1,440Wh 1,800W	1,843Wh 2,400W	2,073.6Wh 2,700W	2,304Wh 2,400W
• Excursion • Home Backup • Emergency Relief	• Excursion • Home Backup • RV Trip	• Excursion • Home Backup • Emergency Relief • Wild Exploration	• Excursion • Home Backup • Emergency Relief	• Extended Getaway • Home Backup • RV Trip • Workshop	• Extended Getaway • Home Backup • Outage Protection • RV Trip • Workshop • Wild Exploration	• Extended Getaway • Home Backup • Outage Protection • RV Trip • Workshop • Outdoor Food Cart	• Extended Getaway • Home Backup • Outage Protection • RV Trip • Workshop

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Portable Power Station   Premium Series

Premium 20 (AC2P)
SKU: P-AC2P-US-GY-BL-010
UPC: 193022002050

230.4Wh | 300W

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

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

Battery	LiFePO₄
Life Cycles	3,000+
PV Input	12V~28V,200W Max.
Bidirectional Inverter	√
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years
Charging Time	
AC	1.4 H (270W Max.)
Solar	1.5 H (200W Max.)
Car	1.5 H (200W Max.)
Generator	1.4 H (270W Max.)

Premium 50 (AC50P)
SKU: P-AC50P-US-GY-BL-010
UPC: 193022002616

504Wh | 700W

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

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

Battery	LiFePO₄
Life Cycles	3,000+
PV Input	12V~28V,200W Max.
Bidirectional Inverter	√
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years
Charging Time	
AC	1.3 H (600W Max.)
Solar	3 H (200W Max.)
Car	3 H (200W Max.)
Generator	1.3 H (600W Max.)

Premium 60S (AC60P)
SKU: P-AC60P-US-GY-BL-010
UPC: 193022001435

504Wh | 600W

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

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

Battery	LiFePO₄
Life Cycles	3,000+
PV Input	12V~28V,200W Max.
Bidirectional Inverter	√
IP Grade	IP65
Others	MPPT, UPS, APP
Warranty	6 Years
Charging Time	
AC	1.3 H (600W Max.)
Solar	3 H (200W Max.)
Car	3 H (200W Max.)
Generator	1.3 H (600W Max.)

Premium 80 (AC70P)
SKU: P-AC70P-US-GY-BL-010
UPC: 193022001916

864Wh | 1,000W

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

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

Battery	LiFePO₄
Life Cycles	3,000+
PV Input	12V~58V,500W Max.
Bidirectional Inverter	√
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years
Charging Time	
AC	1.5 H (950W Max.)
Solar	2.2 H (500W Max.)
Car	4.8 H (200W Max.)
Generator	1.5 H (950W Max.)

Portable Power Station `Premium Series`

Premium 150 (AC180P)
SKU: P-AC180P-US-GY-BL-010
UPC: 193022001442

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)

4* AC | 1* Car Port | 4* USB-A | 1* USB-C | 1* Wireless Charger

Battery	LiFePo₄
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.)

Premium 240S (AC240P)
SKU: P-AC240P-US-GY-BL-010
UPC: 193022002173

1,843Wh | 2,400W /4,800W (Parallel)

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 /7,200W (Parallel)
Expandable Capacity	20,886Wh (2 x AC240P + 8 x B210P)

2* AC | 1* Car Port | 2* USB-A | 2* USB-C | 1* RV Port | 1* TT-30

Battery	LiFePo₄
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.)

Premium 200 V2
SKU: TBD
UPC: 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	/

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

Battery	LiFePo₄
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.)

Premium 200 (AC200P L)
SKU: P-AC200PL-US-GY-BL-010
UPC: 193022002074

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* Car Port | 2* USB-A | 2* USB-C | 2* Wireless Charger | 1* RV Port | 1* TT-30
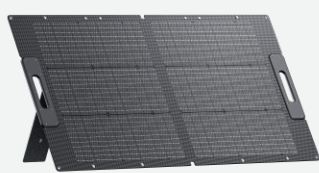
Battery	LiFePo₄
Life Cycles	3,500+
PV Input	12V~145V,1,200W Max.
Bidirectional Inverter	√
IP Grade	/
Others	MPPT, UPS, APP
Warranty	5 Years

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-UJ-GY-BL-010
UPC: TBD

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%

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

PV120D
SKU: P-PV120D-UJ-BK-BL-020
UPC: 193022002258

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%

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

PV200D
SKU: P-PV200D-UJ-BK-BL-020
UPC: 193022002265

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%

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

PV350D
SKU: P-PV350D-UJ-BK-BL-020
UPC: 193022002241

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)	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: P-B80P-US-GY-BL-010
UPC: 193022001558

806Wh

Weight	9.9 kg (21.8 lbs)
Dimensions	290 × 207× 204 mm (11.4 × 8.2 × 8.0 in)
Total Outlets	3
Battery	LiFePo₄
Life Cycles	3,000+

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.)

B210P
SKU: P-B210P-US-GY-BL-010
UPC: 193022002180

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	LiFePo₄
Life Cycles	3,500+

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.)

BlueCell 300 (B300K)
SKU: P-B300K-UN-GY-BL-010
UPC: 193022002579

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	LiFePo₄
Life Cycles	4,000+

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

Charging Time

Need to Connect with BLUETTI Power Station

PV Optimizer (D40)
SKU: A-BM-D40-UF-O9V15V4
UPC: 193022009929

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 LiFePo4: 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-UF-DC
UPC: 193022009929

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°Fto 140°F)	1.2 kg (2.65 lbs)	145 x 110 x 60 mm (5.71 × 4.33 × 2.36 in)

Runtime

RV & Outdoor

		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.

Contact Us