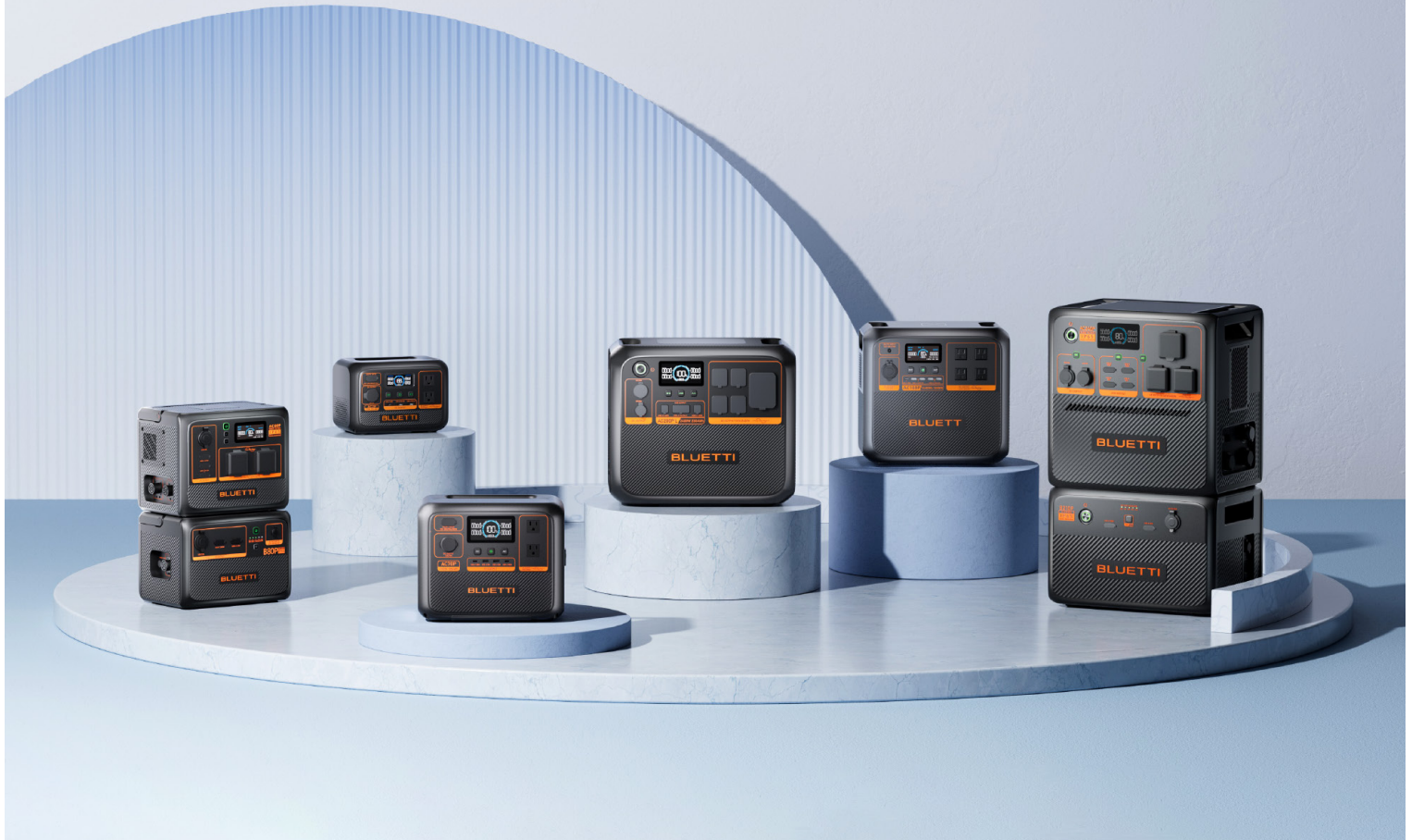


BLUETTI



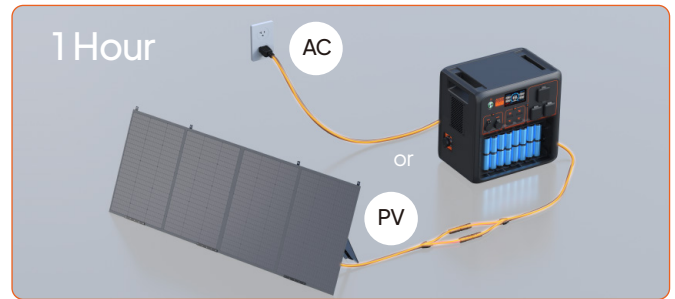
Premium Series Portable Power Station

For Every Power-Packed Adventure



Faster Charging

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



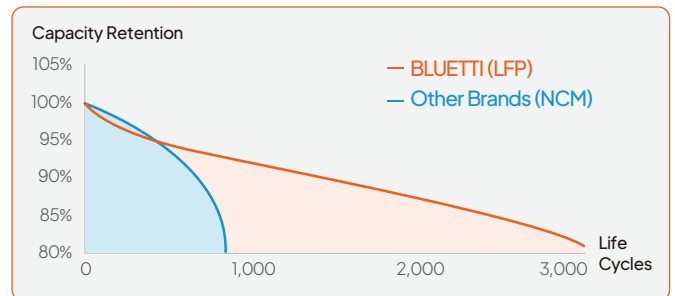
More Compact & Powerful

- 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**.



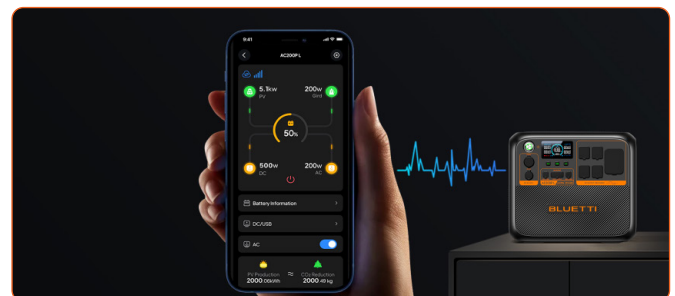
Higher Scalability

- Modular design** allows for flexible capacity ranging from **1.8kWh to 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**.



AC2P

230.4Wh

300W / 600W (Lifting Power)



2* AC
2* USB-A
3.6 kg / 7.9 lbs
1* USB-C
1* Car Port

AC60P

504Wh (Expandable)

600W / 1,200W (Lifting Power)



2* AC
2* USB-A
8.6 kg / 9.0 lbs
1* USB-C
1* Car Port
1* Wireless Charger

AC70P

864Wh (Expandable)

1,000W / 2,000W (Lifting Power)



2* AC
2* USB-A
10.7 kg / 23.6 lbs
1* USB-C
1* Car Port
1* Wireless Charger

AC180P

1,440Wh

1,800W / 2,700W (Lifting Power)



4* AC
4* USB-A
17.0 kg / 37.5 lbs
1* USB-C
1* Car Port
1* Wireless Charger

AC240P

1,843Wh (Expandable)

2,400W / 3,600W (Lifting Power)



2* AC
2* USB-A
33.0 kg / 73.0 lbs
2* USB-C
1* Car Port
1* RV Port
1* TT-30

AC200P L

2,304Wh (Expandable)

2,400W / 3,600W (Lifting Power)



4* AC
2* USB-A
28.3 kg / 62.4 lbs
2* USB-C
1* Car Port
1* RV Port
1* TT-30

Applications	Devices	AC2P	AC60P	AC70P	AC180P	AC240P	AC200P L
RV & Outdoor	Phone (10Wh)	11 Times	25 Times	43 Times	72 Times	92 Times	116 Times
	Portable Fridge (65W)	2.6 Hours	5.4 Hours	8.6 Hours	14.4 Hours	19.1 Hours	23.9 Hours
	Laptop (70Wh)	2 Times	4 Times	7 Times	11 Times	14 Times	18 Times
	Coffee Maker (1,500W)	-	-	-	0.8 Hours	1.0 Hour	1.2 Hours
Home Backup	WiFi Router (7W)	12.7 Hours	23.7 Hours	31.4 Hours	52.4 Hours	77.6 Hours	97.0 Hours
	TV (60W)	2.7 Hours	5.8 Hours	9.2 Hours	15.4 Hours	20.5 Hours	25.6 Hours
	Refrigerator (100W)	1.7 Hours	3.7 Hours	6.0 Hours	10.0 Hours	13.2 Hours	16.5 Hours
Workshop	Blender (1,400W)	-	-	-	0.8 Hours	1.0 Hour	1.3 Hours
	Electric Hammer (1,000W)	-	-	-	1.1 Hours	1.4 Hours	1.8 Hours
	Circular Saw (1,800W)	-	-	-	0.6 Hours	0.8 Hours	1.0 Hour

Note: For reference only.

Outdoor Activity



Emergency Relief



RV Trip



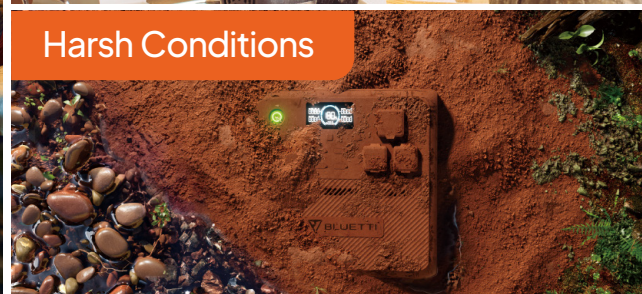
Home Backup



Workshop



Harsh Conditions



Power/W

3,000

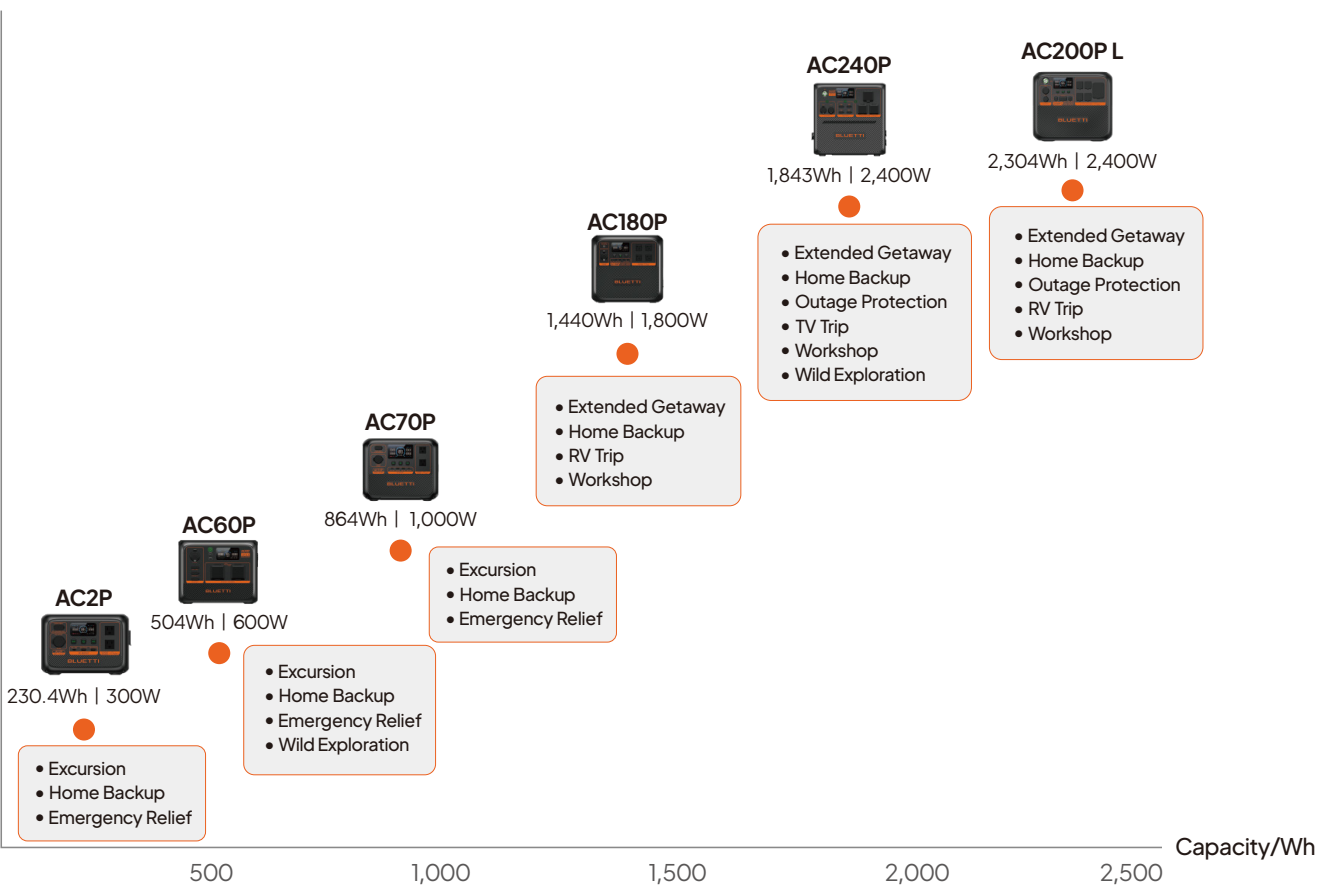
2,500

2,000

1,500

1,000

500



Capacity/Wh

Premium Series Datasheet

Power Station



AC Outlets						
US/JP EU UK AU SA CN						
Battery						
LiFePO ₄						
Capacity	230.4Wh	504Wh	864Wh	1,440Wh	1,843Wh	2,304Wh
Expandable Capacity	/	2,116Wh (With 2 x B80P)	1,670Wh (With 1 x B80P) 2,912Wh (With 1 x B230) 3,936Wh (With 1 x B300)	/	20,886Wh (2 x AC240P + 8 x B210P)	8,448Wh (With 2 x B300) 6,604Wh (With 2 x B210P) 4,352Wh (With 1 x B230)
Life Cycles	3,000+	3,000+	3,000+	3,500+	3,500+	3,500+
Output Power	300W	600W	1,000W	1,800W	US: 2,400W / 4,800W (Parallel) JP: 2,000W / 4,000W (Parallel)	2,400W
Lifting Power	600W	1,200W	2,000W	2,700W	US: 3,600W / 7,200W (Parallel) JP: 2,000W / 4,000W (Parallel)	3,600W
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.)	AC: 1.3 H (600W Max.) Solar: 3 H (200W Max.) Car: 3 H (200W Max.) Generator: 1.3 H (600W Max.)	AC: 1.5 H (950W Max.) Solar: 2.2 H (500W Max.) Car: 4.8 H (200W Max.) Generator: 1.5 H (950W Max.) B300 Expansion Battery: 2.2 H (500W Max.)	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.)	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.)	AC: 1.5 H (2,400W Max.) Solar: 2.8 H (1,200W Max.) Car: 12.5 H (200W Max.) Generator: 2 H (2,000W Max.) Lead-acid Battery: 3.2 H (850W Max.)
Total Outlets	6	7	8	11	11	13
AC Outlets 100V-120V (UP/US)	2	2	2	4	3	5
AC Outlets 220V-230V (CN/EU/UK/AU)	1	2	2	2	4	4
Bidirectional Inverter	✓	✓	✓	✓	✓	✓
MPPT	✓	✓	✓	✓	✓	✓
UPS	✓	✓	✓	✓	✓	✓
App	✓	✓	✓	✓	✓	✓
IP Grade	/	IP65	/	/	IP65	/
Weight	3.6 kg (7.9 lbs)	8.6 kg (19.0 lbs)	10.7 kg (23.6 lbs)	17.0 kg (37.5 lbs)	33.0 kg (72.0 lbs)	28.3 kg (62.4 lbs)
Dimensions (L x W x H)	250 x 150 x 180 mm (9.8 x 5.9 x 7.1 in)	290 x 205 x 234 mm (11.4 x 8.1 x 9.2 in)	314 x 210 x 256 mm (12.4 x 8.2 x 10.1 in)	340 x 247 x 317 mm (13.4 x 9.7 x 12.5 in)	420 x 294 x 410 mm (16.5 x 11.6 x 16.1 in)	420 x 280 x 367 mm (16.5 x 11.0 x 14.4 in)
SKU	P-AC2P-US-GY-BL	P-AC60P-US-GY-BL	P-AC70P-US-GY-BL	AC180P-US-GY-BL	TBD	P-AC200P L-US-GY-BL
Warranty	5 Years	6 Years	5 Years	5 Years	6 Years	5 Years
UPC	0193022002050	0193022001435	0193022001916	0193022001442	TBD	0193022002074

Premium Series Datasheet

Solar Panel

PV120



PV200



PV350



PV420



Power	120W	200W	350W	420W
Cell Type	Monocrystalline Silicon			
Cell Efficiency	Up to 23.4%			
Voltage at Max. Power (Vmp)	19.6 V	20.5 V	37.5 V	36.6 V
Current at Max. Power (Imp)	6.1 A	9.7 A	9.2 A	11.5 A
Open Circuit Voltage (Voc)	24.4 V	26.1 V	46.5 V	44.3 V
Short Circuit Current (Isc)	6.43 A	10.3 A	10.8 A	12.2 A
Weight	5.7 kg (12.6 lbs)	7.3 kg (16.1 lbs)	13.9 kg (30.6 lbs)	14.0 kg (30.8 lbs)
Dimensions	Unfolded: 533 × 1652 mm (21.0 × 65.0 in) Folded: 533 × 470 mm (21.0 × 18.5 in)	Unfolded: 590 × 2265 mm (23.2 × 89.2 in) Folded: 590 × 600 mm (23.2 × 24.8 in)	Unfolded: 905 × 2400 mm (35.6 × 94.4 in) Folded: 905 × 613 × 65 mm (35.6 × 24.1 × 2.5 in)	Unfolded: 2675 × 975 mm (105.3 × 38.3 in) Folded: 975× 660 × 45 mm (38.3 × 25.9 × 1.7 in)
Compatibility	All BLUETTI Premium Power Stations		BLUETTI AC70P/AC180P/AC240P/AC200P L	
Warranty	12 Months			
SKU	PV120-US-BK-BL	PV200-US-BK-BL	PV350-US-BK-BL	PV420-US-GY-BL
UPC	193022000124	0193022000131	193022000148	0193022001107

Expansion Battery

B80P



B210P



Battery	LiFePO ₄	
Capacity	806Wh	2,150Wh
Life Cycles	3,000+	3,500+
Charging Time	AC Adapter: 4.5 H (200W Max.) Solar: 4.5 H (200W Max.) Car: 4.5 H (200W Max.)	AC Adapter: 4.8 H (470W Max.) Solar: 4.5 H (500W Max.) Car: 10 H (200W Max.)
Total Outlets	3	
Pass-through Charging	✓	
IP Grade	IP65	IP65
Weight	9.9 kg (21.8 lbs)	27.9 kg (61.5 lbs)
Dimensions (L x W x H)	290 × 207 × 204 mm (11.4 × 8.2 × 8.0 in)	417 × 282 × 270 mm (16.4 × 11.1 × 10.6 in)
Compatibility	BLUETTI AC60P	BLUETTI AC200P L / AC240P
Warranty	6 Years	
SKU	P-B80P-US-GY-BL	TBD
UPC	0193022001558	TBD

PV Optimizer (D40)

D40 DC-DC Battery Charger	Charging Power	Max. Output Current	Max. Output Voltage	DC Input	IP Grade	Weight	Dimensions (L x W x H)	Compatibility	SKU	UPC
	400W	20 A (With AC200P L) 30 A (With Solar Panel)	Lead-acid: 14.4 V LiFePO ₄ : 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 kg (4.4 lbs)	232.7 × 180.7 × 69.2 mm (9.2 × 7.1 × 2.7 in)	BLUETTI AC200P L	TBD	TBD



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