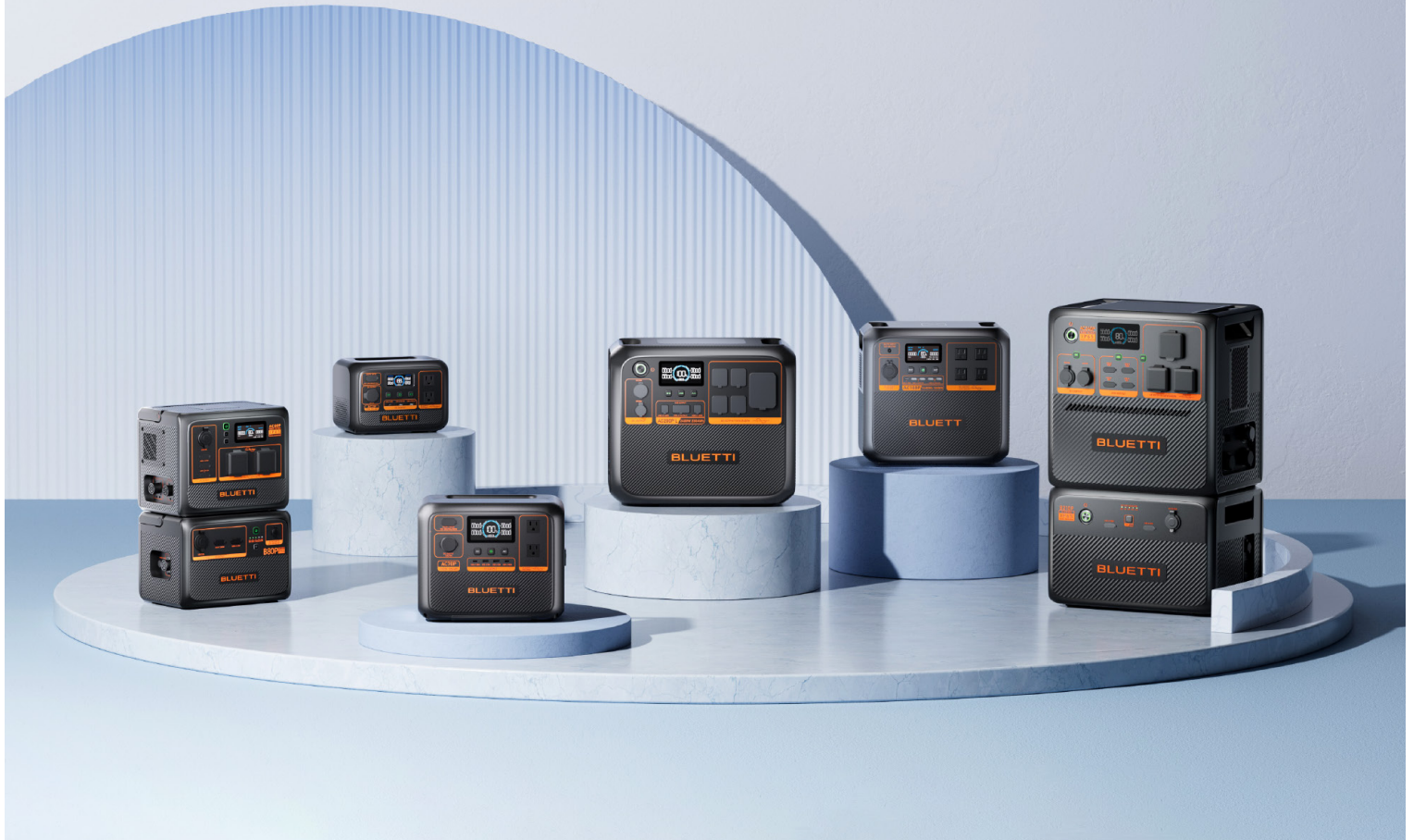


BLUETTI



# Premium Series Portable Power Station

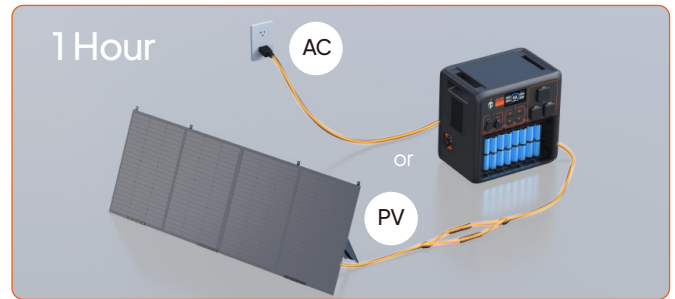
For Every Power-Packed Adventure

**5+**  
Year  
Warranty

**10**  
Year  
Lifespan

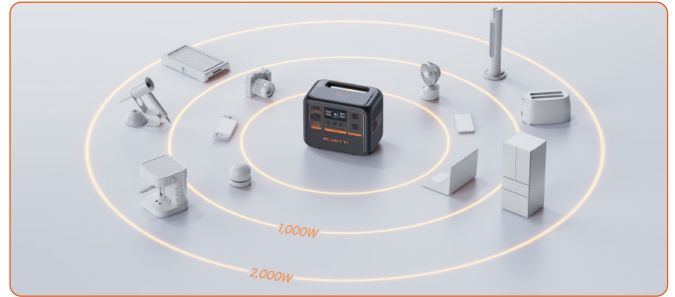
## Faster Charging

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



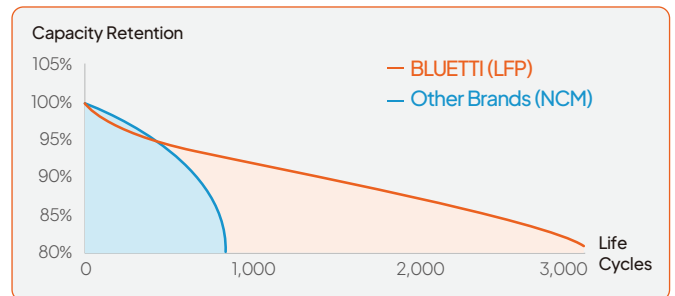
## More Compact & Powerful

- 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**.



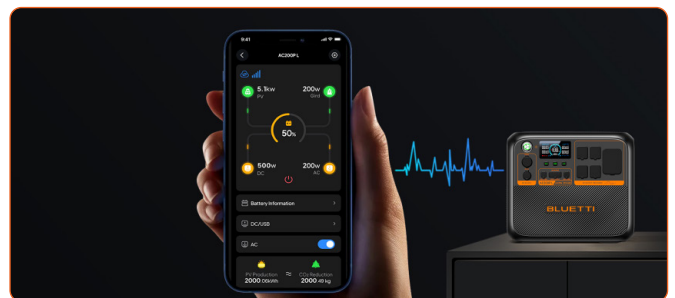
## Higher Scalability

- 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



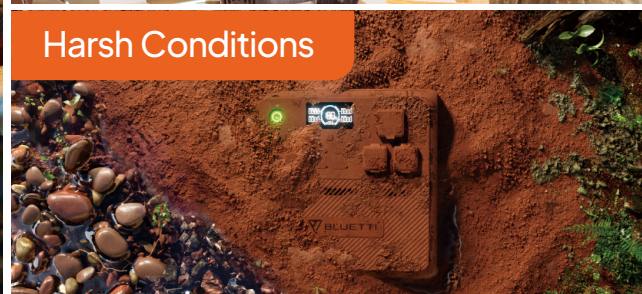
## Home Backup



## Workshop

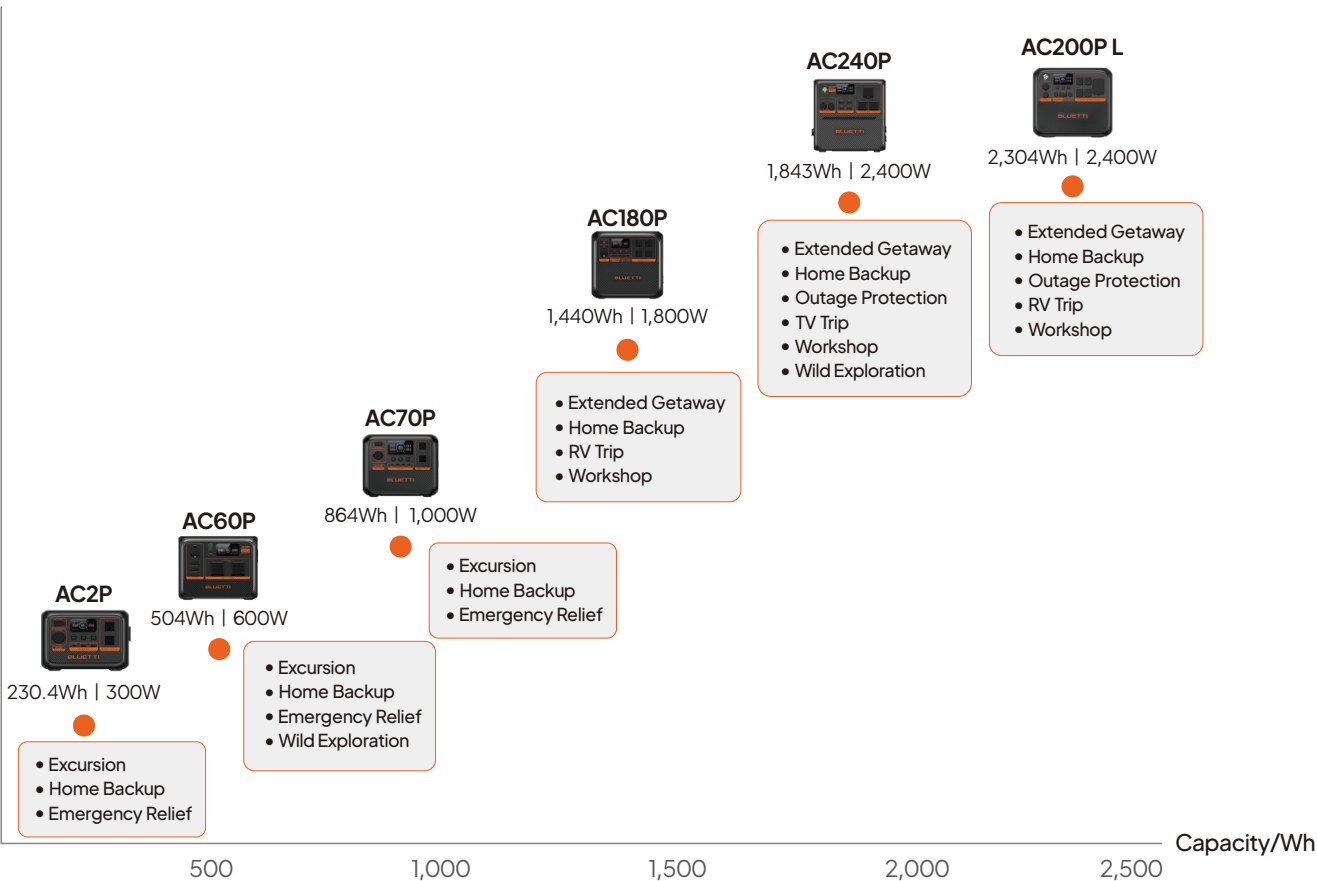


## Harsh Conditions



Power/W

3,000  
2,500  
2,000  
1,500  
1,000  
500



Capacity/Wh

# Premium Series Datasheet

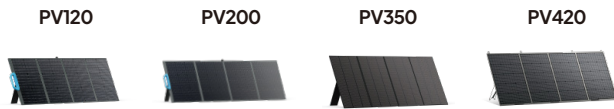
## Power Station



AC Outlets	US/JP            EU            UK            AU            SA            CN					
Battery	LiFePO <sub>4</sub>					
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
<b>Power</b>	120W	200W	350W	420W
<b>Cell Type</b>	Monocrystalline Silicon			
<b>Cell Efficiency</b>	Up to 23.4%			
<b>Voltage at Max. Power (Vmp)</b>	19.6 V	20.5 V	37.5 V	36.6 V
<b>Current at Max. Power (Imp)</b>	6.1 A	9.7 A	9.2 A	11.5 A
<b>Open Circuit Voltage (Voc)</b>	24.4 V	26.1 V	46.5 V	44.3 V
<b>Short Circuit Current (Isc)</b>	6.43 A	10.3 A	10.8 A	12.2 A
<b>Weight</b>	5.7 kg (12.6 lbs)	7.3 kg (16.1 lbs)	13.9 kg (30.6 lbs)	14.0 kg (30.8 lbs)
<b>Dimensions</b>	Unfolded: 533 x 1652 mm (21.0 x 65.0 in) Folded: 533 x 470 mm (21.0 x 18.5 in)	Unfolded: 590 x 2265 mm (23.2 x 89.2 in) Folded: 590 x 600 mm (23.2 x 24.8 in)	Unfolded: 905 x 2400 mm (35.6 x 94.4 in) Folded: 905 x 613 x 65 mm (35.6 x 24.1 x 2.5 in)	Unfolded: 2675 x 975 mm (105.3 x 38.3 in) Folded: 975 x 660 x 45 mm (38.3 x 25.9 x 1.7 in)
<b>Compatibility</b>	All BLUETTI Premium Power Stations		BLUETTI AC70P/AC180P/AC240P/AC200P L	
<b>Warranty</b>	12 Months			
<b>SKU</b>	PV120-US-BK-BL	PV200-US-BK-BL	PV350-US-BK-BL	PV420-US-GY-BL
<b>UPC</b>	193022000124	0193022000131	193022000148	0193022001107

## Expansion Battery



	B80P	B210P
<b>Battery</b>	LiFePO <sub>4</sub>	
<b>Capacity</b>	806Wh	2,150Wh
<b>Life Cycles</b>	3,000+	3,500+
<b>Charging Time</b>	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.)
<b>Total Outlets</b>	3	
<b>Pass-through Charging</b>	√	
<b>IP Grade</b>	IP65	IP65
<b>Weight</b>	9.9 kg (21.8 lbs)	27.9 kg (61.5 lbs)
<b>Dimensions (L x W x H)</b>	290 x 207 x 204 mm (11.4 x 8.2 x 8.0 in)	417 x 282 x 270 mm (16.4 x 11.1 x 10.6 in)
<b>Compatibility</b>	BLUETTI AC60P	BLUETTI AC200P L / AC240P
<b>Warranty</b>	6 Years	
<b>SKU</b>	P-B80P-US-GY-BL	TBD
<b>UPC</b>	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 <sub>4</sub> : 14.4 V AGM / Gel: 14.7 V Calcium: 15.4 V	<b>48 V DC Input:</b> 45 V to 60 V DC  <b>PV / Starter-Battery Input:</b> 12 V to 36 VDC, 20 A Max.	IP20	2 kg (4.4 lbs)	232.7 x 180.7 x 69.2 mm (9.2 x 7.1 x 2.7 in)	BLUETTI AC200P L	TBD	TBD