

Premium Series Datasheet



Battery		LiFePO ₄				
Capacity	230.4 Wh	504 Wh	864 Wh	1,440 Wh	1,843 Wh	2,304 Wh
Expandable Capacity	/	2,116 Wh (With 2 x B80P)	1,670 Wh (With 1 x B80P) 2,912 Wh (With 1 x B230) 3,936 Wh (With 1 x B300)	/	10,443Wh (With 4 x B210P)	8,448 Wh (With 2 x B300) 6,604 Wh (With 2 x B210P) 4,352 Wh (With 1 x B230)
Life Cycles	3,000+	3,000+	3,000+	3,500+	3,500+	3,500+
Output Power	300 W	600 W	1,000 W	1,800 W	2,400W	2,400 W
Lifting Power	600 W	1,200 W	2,000 W	2,700 W	3,600W	3,600 W
Charging Time	AC: 1.4 H (270 W Max.) Solar: 1.5 H (200 W Max.) Car: 1.5 H (200 W Max.) Generator: 1.4 H (270 W Max.)	AC: 1.3 H (600 W Max.) Solar: 3 H (200 W Max.) Car: 3 H (200 W Max.) Generator: 3 H (600 W Max.)	AC: 1.5 H (950 W Max.) Solar: 2.2 H (500 W Max.) Car: 4.8 H (200 W Max.) Generator: 1.5 H (950 W Max.) B300 Expansion Battery: 2.2 H (500 W Max.)	AC: 1.5 H (1,440 W Max.) Solar: 3.3 H (500 W Max.) Car: 7.2 H (200 W Max.) Generator: 1.5 H (1,440 W Max.)	AC: 1.2 H (2,400 W Max.) Solar: 1.8 H (1,200 W Max.) Car: 9.2 H (200 W Max.) Generator: 1.2 H (2,400 W Max.)	AC: 1.5 H (2,400 W Max.) Solar: 2.8 H (1,200 W Max.) Car: 12.5 H (200 W Max.) Generator: 2 H (2,000 W Max.) Lead-acid Battery: 3.2 H (850 W Max.)
Total Outlets	6	7	8	11	10	13
AC Outlets 220V-230V (CN/EU/UK/AU)	1	2	2	2	4	4
DC output	Lighter Port	12V/10A x 1	12V/10A x 1	12V/10A x 1	12V/10A x 1	12V/10A x 1
	USB-A	5V/2.4A x 2	5V/3A x 2	5V/2.4A x 2	5V/3A x 4	18W x 2
	USB-C	5/9/12/15/20V, 3A; 20V, 5A x 1	5/9/12/15/20V, 3A; 20V, 5A x 1	5/9/12/15/20V, 3A; 20V, 5A x 2	5/9/12/15/20V, 3A; 20V, 5A x 1	5/9/12/15/20V, 3A; 20V, 5A x 2
	RV Port	/	/	/	/	12V/30A x 1
	Wireless Charging	/	Wireless Charging x 1	Wireless Charging x 1	Wireless Charging x 1	/
Bidirectional Inverter	✓	✓	✓	✓	✓	✓
MPPT	✓	✓	✓	✓	✓	✓
UPS	✓	✓	✓	✓	✓	✓
App	✓	✓	✓	✓	✓	✓
IP Grade	/	IP65	/	/	IP65	/
Weight	3.6 kg (7.9 lbs)	8.6 kg (19 lbs)	10.7 kg (23.6 lbs)	17 kg (37.5 lbs)	33 kg (72 lbs)	28.3 kg (62.4 lbs)
Dimensions (L x W x H)	250 x 150 x 180 mm	290 x 205 x 234 mm	314 x 209.5 x 255.8 mm	340 x 247 x 317 mm	419.5 x 293.5 x 409.5 mm	420 x 280 x 366.5 mm
Warranty	5 Years	6 Years	5 Years	5 Years	6 Years	5 Years
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
UPC	0193022002050	0193022001435	0193022001916	0193022001442	TBD	0193022002074
EAN	6970991294556	6970991292972	6970991294266	6970991292910	6970991294891	6970991294778

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Power	120 W	200 W	350 W	420 W
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)	6.1A	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 (12.57 lbs)	7.3 kg (16.1 lbs)	13.9 kg (30.6 lbs)	14 kg (30.8 lbs)
Compatibility	Unfolded: 533 × 1652 mm (21 × 65 in) Folded: 533 × 470 mm (21 × 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)
Dimensions	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
EAN	6970991293320	6970991291609	6970991290954	6970991291999



Battery	LiFePO ₄	
Capacity	806 Wh	2,150 Wh
Life Cycles	3,000+	3,500+
Charging Time	AC Adapter: 5 H (200 W Max.) Solar: 7 H (200 W Max.) Car: 5 H (200 W Max.)	AC Adapter: 4.8 H (500 W Max.) Solar: 7 H (500 W Max.) Car: 10 H (200 W Max.)
Total Outlets	3	3
Pass-through Charging	✓	✓
IP Grade	IP65	IP65
Weight	9.9 kg (21.83 lbs)	27.9 kg (61.5 lbs)
Dimensions (L x W x H)	290 x 207 x 204 mm (11.42 x 8.15 x 8.03 in)	416.6 x 282.4 x 269.5 mm (16.4 x 11.1 x 10.6 in)
Compatibility	BLUETTI AC60P	BLUETTI AC200P L / AC240P
Warranty	6 Years	
SKU	P-B80P-US-GY-BL	TBD
UPC	0193022001558	TBD
EAN	6970991293030	6970991294969



Charging Power	400 W
Max. Output Current	20 A (With AC200P L) 30 A (With Solar Panel)
Max. Output Voltage	Lead-acid: 14.4 V LiFePO ₄ : 14.4 V AGM / Gel: 14.7 V Calcium: 15.4 V
DC Input	48 V DC Input: 45 V to 60 V DC PV / Starter Battery Input: 12 V to 36 VDC, 20 A Max.
IP Grade	IP20
Weight	2 kg (4.4 lbs)
Dimensions (L x W x H)	232.7 x 180.7 x 69.2 mm (9.2 x 7.1 x 2.7 in)
Compatibility	BLUETTI AC200P L
SKU	TBD
UPC	TBD
EAN	TBD