

# Premium Series Datasheet



	 US/JP  EU  UK  AU  SA  CN					
AC Outlets						
Battery	LiFePO <sub>4</sub>					
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)	Power bank mode 1,670 Wh (With 1 x B80P) 2,912 Wh (With 1 x B230) 3,936 Wh (With 1 x B300)	Power bank mode 1,670 Wh (With 1 x B80P) 2,912 Wh (With 1 x B230) 3,936 Wh (With 1 x B300)	20,886 Wh (2 x AC240P + 8 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	US: 2,400 W / 4,800 W (Parallel) JP: 2,000 W / 4,000 W (Parallel)	2,400 W
Lifting Power	600 W	1,200 W	2,000 W	2,700 W	US: 3,600W / 7,200 W (Parallel) JP: 2,000W / 4,000 W (Parallel)	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: 12.5 H (200 W Max.)
Total Outlets	5 / 6	7	8	9 / 11	9 / 10	12 / 13
AC Outlets 100V-120V (JP/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 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 (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 209.5 x 255.8 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)	419.5 x 293.5 x 409.5 mm (16.5 x 11.6 x 16.1 in)	420 x 280 x 366.5 mm (16.5 x 11 x 14.4 in)
Warranty	5 Years	6 Years	5 Years	5 Years	6 Years	5 Years

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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)	6.1 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 (12.57 lbs)	7.3 kg (16.1 lbs)	13.9 kg (30.6 lbs)	14 kg (30.8 lbs)
Dimensions	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)
Compatibility	All BLUETTI Premium Power Stations		BLUETTI AC70P/AC180P/AC240P/AC200P L	
Warranty	12 Months			



Battery	LiFePO <sub>4</sub>	
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	

D40 DC-DC Battery Charger



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 <sub>4</sub> : 14.4 V AGM / Gel: 14.7 V Calcium: 15.4 V
DC Input	<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.
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