

BLUETTI Premium Series Datasheet



FEATURES	AC2P	AC50P	AC60P	AC70P	AC180P	AC200PL	AC240P
AC Outlets	US/JP, EU, UK, AU, SA, CN, BR						
Battery	LiFePO ₄						
Capacity	230.4 Wh	504 Wh	504 Wh	864 Wh	1,440 Wh	2,304 Wh	1,843 Wh
Expandable Capacity	/	/	2,116Wh(With 2 x 880P)	Power Bank Mode 1,670Wh (With 1 x B80P)	Power Bank Mode 2,246Wh (With 1 x B80P)	6,604Wh (With 2 x B210P) 7,834Wh (With 2 x B300K)	20,886Wh (2 x AC240P + 8 x B210P)
Life Cycles	3,000+	3,000+	3,000+	3,000+	3,500+	3,500+	3,500+
Output Power	300 W	700 W	600 W	1,000 W	1,800 W	2,400 W	2,400 W / 4,800W (Parallel)
Lifting Power	600 W	1,200 W	1,200 W	2,000 W	2,700 W	3,600 W	3,600W / 7,200W (Parallel)
PV Input	12V-28V,200W Max	12V-28V,200W Max	12V-28V,200W Max	12V-58V,500W Max.	2V-60V,500W Max.	12V-145V,1,200W Max.	11V-60V,1,200W Max.
Charging time:							
AC	1.4 H(270W Max.)	1.3 H(600W Max.)	1.3 H(600WMax.)	1.5 H(950W Max.)	1.5 H(1,440W Max.)	1.5 H(2,400W Max.)	1.2 H(2,400W Max.)
Solar	1.5 H(200W Max.)	3 H(200W Max.)	3 H(200W Max.)	2.2 H(500W Max.)	3.3 H(500W Max.)	2.8 H(1,200W Max.)	1.8 H(1,200W Max.)
Car	1.5 H(200W Max.)	3 H(200W Max.)	3 H(200W Max.)	4.8 H(200W Max.)	7.2 H(200W Max.)	12.5 H(200W Max.)	9.2 H(200W Max.)
Generator	1.4 H(270W Max.)	1.3 H(600W Max.)	1.3 H(600W Max.)	1.5 H(950W Max.)	1.5 H(1,440W Max.)	2 H(2,000W Max.)	1.2 H(2,400W Max.)
Total Outlets•	6	7	7	8	11	13	9
AC Outlets 100V-120V (JP/US)	2	2	2	2	4	5	3
Bidirectional Inverter	+	+	+	+	+	+	+
MPPT	+	+	+	+	+	+	+
UPS	+	+	+	+	+	+	+
App	+	+	+	+	+	+	+
IP Grade	/	/	IP65	/	/	/	IP65
Weight	3.6 kg (7.9 lbs)	6.9 kg (15.2 lbs)	9.6 kg (21.16 lbs)	10.7 kg (23.6lbs)	17.0 kg (37.5 lbs)	28.3 kg (62.4 lbs)	33.0 kg (72.0 lbs)
Dimensions (Lx WxH)	250 x 150 x 180 mm (9.5x 5.9 x7.1 in)	280 x200 x 220 mm (11x7.9x8.7in)	290 x 205 x 234 mm (11.4x8.1x9.2in)	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 280 x 367 mm (16.5 X 11.Q X 14.4 in)	420 x 294 x 410 mm (16.5 X 11.6 X 16.1 in)
Warranty	5 Years	5 Years	6 Years	5 Years	5 Years	5 Years	6 Years
SKU	P-AC2P-US-GY-BL-010	P-AC50P-US-GY-BL-010	P-AC60P-US-GY-BL-010	P-AC70P-US-GY-BL-010	P-AC180P-US-GY-BL-010	P-AC200PL-US-GY-BL-010	P-AC240P-US-GY-BL-010
UPC	193022002050	193022002616	193022001435	193022001916	193022001442	193022002074	193022002173