

BLUETTI Premium Series Datasheet



FEATURES	PREMIUM 30 V2	PREMIUM 50	PREMIUM 80	PREMIUM 100 V2	PREMIUM 150	PREMIUM 200 V2	PREMIUM 200
AC Outlets	US/JP EU UK AU SA CN BR						
Battery	LiFePO ₄						
Capacity	320Wh	504 Wh	864 Wh	1,024 Wh	1,440 Wh	2,073.6 Wh	2,304 Wh
Expandable Capacity	/	/	/	/	/	/	7,834Wh (w/ 2x B300K)
Life Cycles	3,000+	3,000+	3,000+	4,000+	3,500+	6,000+	3,500+
Output Power	600W	700 W	1,000W	2,000 W	1,800 W	2,700 W	2,400 W
Lifting Power	1,500W	1,200 W	2,000 W	2,700 W	2,700 W	4,050 W	3,600W
PV Input	12V~28V,200W Max	12V~28V,200W Max	12V~58V,500W Max	12V~60V,1000W Max.	2V~60V,500W Max.	11V~60V,1,000W Max.	12V~145V,1,200W Max.
Charging time:							
AC	1.3 H(380W Max.)	1.3 H(600W Max.)	1.5 H(850WMax.)	1.2 H(1,200W Max.)	1.5 H(1,440W Max.)	1.4 H(2,300W Max.)	1.5 H(2,400W Max.)
Solar	2.2 H(200W Max.)	3 H(200W Max.)	2.2 H(500W Max.)	1.2 H(1,000W Max.)	3.3 H(500W Max.)	2.4 H(1,000W Max.)	2.5 H(200W Max.) - Car/
Car	2.2 H(200W Max.)	3 H(200W Max.)	4.8 H(200W Max.)	1.8 H(560W Max. w/	7.2 H(200W Max.)	12.5 H(200W Max.)	Lead acid battery
Generator	1.3 H(380W Max.)	1.3 H(600W Max.)	1.5 H(850W Max.)	charger 1)	1.5 H(1,440W Max.)	2 H(1,200W Max.)	2 H(2,000W Max.)
				1.2 H(1,200W Max.)			
Total Outlets•	8	6	8	9	9	7	12
AC Outlets 100V-120V (JP/US)	1	1	2	2	2	2	4
Bidirectional Inverter	+	+	+	+	+	+	+
MPPT	+	+	+	+	+	+	+
UPS	+	+	+	+	+	+	+
App	+	+	+	+	+	+	+
Weight	4.3 kg	6.9 kg (15.2 lbs)	10.7 kg	11.5 kg	17.0 kg	24.2 kg	28.3 kg
Dimensions (LxWxH)	250 x 178 x 167.5 mm	280 x200 x 220 mm	314 x 210 x 256 mm	320 x 215 x 250 mm	340 x 247 x 317 mm	350 x 250 x 323.6 mm	420 x 280 x 367 mm
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years