

Premium 20 (AC2P)



Premium 50 (AC50P)



Premium 60S (AC60P)



Premium 80 (AC70P)










Premium 150 (AC180P)



Premium 240S (AC240P)



AC Outlets		 US/JP  EU  UK  AU  SA  CN  BR					
Battery		LiFePO ₄					
Capacity		230.4 Wh	504Wh	504Wh	864Wh	1,440Wh	1,843Wh
Expandable Capacity		/	/	2,116Wh(With 2 x B80P)	Power Bank Mode 1,670Wh (With 1 x B80P)	Power Bank Mode 2,246Wh (With 1 x B80P)	20,886Wh (2 x AC240P + 8 x B210P)
Life Cycles		3,000+	3,000+	3,000+	3,000+	3,500+	3,500+
Output Power		300 W	700W	600W	1,000W	1,800W	2,400W /4,800W (Parallel)
Lifting Power		600 W	1,200W	1,200W	2,000W	2,700W	3,600W /7,200W (Parallel)
PV Input		12V~28V,200W Max.	12V~28V,200W Max.	12V~28V,200W Max.	12V~58V,500W Max.	12V~60V,500W Max.	11V~60V,1,200W Max.
Charging Time	AC	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.)	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.)	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.)	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.)	1.2 H(2,400W Max.)
Total Outlets*		6	7	7	8	11	9
AC Outlets 100V-120V (JP/US)		2	2	2	2	4	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 (23.6 lbs)	17.0 kg (37.5 lbs)	33.0 kg (72.0 lbs)
Dimensions (L × W × H)		250 × 150 × 180 mm (9.8 × 5.9 × 7.1 in)	280 × 200 × 220 mm (11 × 7.9 × 8.7 in)	290 × 205 × 234 mm (11.4 × 8.1 × 9.2 in)	314 × 210 × 256 mm (12.4 × 8.2 × 10.1 in)	340 × 247 × 317 mm (13.4 × 9.7 × 12.5 in)	420 × 294 × 410 mm (16.5 × 11.6 × 16.1 in)
Warranty		5 Years	5 Years	6 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-AC240P-US-GY-BL-010
UPC		193022002050	193022002616	193022001435	193022001916	193022001442	193022002173

*The number of outlets may vary based on different country's version.

Premium Series Datasheet

Premium 200 V2



Premium 200 (AC200PL)



B80P



B210P



BlueCell 300 (B300K)



Expansion Battery

AC Outlets	US/JP EU UK AU SA CN BR	
Battery	LiFePO ₄	
Capacity	2,073.6Wh	2,304Wh
Expandable Capacity	/	6,604Wh (With 2 x B210P) 7,834Wh (With 2 x B300K)
Life Cycles	6,000+	3,500+
Output Power	2,700W	2,400W
Lifting Power	4,050W	3,600W
PV Input	11V~60V,1,000W Max.	12V~145V,1,200W Max.
Charging Time	AC	1.4 H(1,800W Max.)
	Solar	2.4 H(1,000W Max.)
	Car	4.2 H(560W Max.)
	Generator	2 H(1,200W Max.)
	Car / Lead acid Battery : 12.5 H(200W Max.)	2 H(2,000W Max.)
Total Outlets*	9	13
AC Outlets 100V-120V (JP/US)	4	5
Bidirectional Inverter	✓	✓
MPPT	✓	✓
UPS	✓	✓
App	✓	✓
IP Grade	/	/
Weight	24.2 kg (53.35 lbs)	28.3 kg (62.4 lbs)
Dimensions (L × W × H)	350 × 250 × 323.6 mm (13.78 × 9.84 × 12.74 in)	420 × 280 × 367 mm (16.5 × 11.0 × 14.4 in)
Warranty	5 Years	5 Years
SKU	TBD	P-AC200PL-US-GY-BL-010
UPC	TBD	193022002074

Battery	LiFePO ₄		
Capacity	806Wh	2,150Wh	2,764.8Wh
Life Cycles	3,000+	3,500+	4,000+
Charging Time	AC Adapter	4.5 H (200W Max.)	4.8 H (470W Max.)
	Solar	4.5 H (200W Max.)	4.5 H (500W Max.)
	Car	4.5 H (200W Max.)	10 H (200W Max.)
Total Outlets	3		1
IP Grade	IP65	IP65	IP20
Weight	9.9 kg (21.8 lbs)	27.9 kg (61.5 lbs)	29.5 kg (65.04 lbs)
Dimensions (L × W × H)	290 × 207 × 204 mm(11.4 × 8.2 × 8.0 in)	417 × 282 × 270 mm(16.4 × 11.1 × 10.6 in)	525 × 327 × 209 mm(20.67 × 12.87 × 8.23 in)
Compatibility	Premium 60S / Premium 80 / Premium 150	Premium 200 / Premium 240S	Premium 200/AC200MAX/AC300 / AC500
Warranty	6 Years		4 Years

PV Optimizer (D40)



Charger 1 (D60L)



Charging Power	400W
Max. Output Current	20 A(With Premium 200) 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	2.0 kg (4.4 lbs)
Dimensions (L × W × H)	232.7 × 180.7 × 69.2 mm(9.2 × 7.1 × 2.7 in)
Compatibility	Premium 200

Power	560W
Current	10A
Default Voltage	27V
Voltage Range	15.0V to 56.0V (Adjustable Via App)(With 12v Battery) 27.0V to 56.0V (Adjustable Via App) (With 24v Battery)
DC Input	12V,50A Max. (With 12V Battery) 24V, 25A Max. (With 24V Battery)
IP Grade	IP20
Working Temperature	-20°C to 60°C (-4°F to 140°F)
Weight	1.2 kg (2.65 lbs)
Dimensions (L × W × H)	145 × 110 × 60 mm(5.71 × 4.33 × 2.36 in)

*The number of outlets may vary based on different country's version.

BLUETTI

TECHNOLOGY PIONEER
IN CLEAN ENERGY



BLUETTI AC 300

Expandable Power At Your Will

Power For Long, Blackout Worries Gone

All Your Need in One



App Control



Fast Charge



LiFePO₄ Battery



BMS



12V/30A DC Output



24V Car Outlet



24/7 UPS

Available Socket



US / JP



EU



UK



AU



SA



CN



BR



*You can mix B300 and B300K expansion battery , the recommended connection is AC300*1+B300K*2+B300*2=11,673.6Wh.

24/7 UPS (uninterruptible power supply)

No need for complicated installation; simply place it anywhere in your house or garage. When a power outage occurs, the AC300 automatically kicks in and provides emergency power to your appliances in just 20ms.



Customizable Power Solution

Experience true customization with the AC300. Its modular design allows you to tailor your power capacity to your exact needs. Just hook up to four *B300K expansion batteries, and unlock a whopping capacity of 11,059.2Wh. With this generous supply, you can confidently energize your entire home or be ready for any sudden outages.

AC300+1*B300K AC300 1*B300K: 2,764.8Wh	AC300+2*B300K AC300 2*B300K: 5,529.6Wh	AC300+3*B300K AC300 3*B300K: 8,294.4Wh	AC300+4*B300K AC300 4*B300K: 11,059.2Wh 2*AC300 2-8*B300K 6000W/5,529.6Wh~22,118.4Wh
2,764.8Wh	5,529.6Wh	8,294.4Wh	11,059.2Wh

Split Phase Bonding is available for 120V, Compatible with 2-8*B300K

AC300+B300K

Specs

Model :	AC300+B300K
Capacity :	2,764.8Wh~11,059.2Wh (1~4*B300K)
Battery :	LiFePO ₄ , 3,500+ life cycle
Output Power :	3,000W (6,000W surge)
Weight :	AC300 : 21.6kg/47.62lbs B300K : 29.5kg/65.04lbs
UPS :	Switching times 20ms
App Control :	WiFi & Bluetooth
Dimensions (Lx WxH) :	AC300 : 520*320*358mm/20.5*12.5*14.1in B300K : 525*327*209mm/20.67*12.87*8.23in
Charging Temperature :	32°F ~ 104°F/0°C ~ 40°C
Discharging Temperature :	-4°F~-104°F/-20°C ~ 40°C

Input

AC Input :	3,000W Max.
Solar Charging :	12~150V, total 2,400W Max. Dual MPPT
Car Charging :	12/24V 8A
Solar + AC Charging :	5,400W Max.

Output

Cigarette Lighter Port x1 :	24V/10A
RV Port x1 :	12V/30A
USB-A x2 :	5V / 3A,15W Max.
USB-A x2 :	18W Max.
USB-C x1 :	100W Max.
For 230V Model :	
AC Outlet x6 :	13A 230V / 50Hz
Wireless Charging Pad x2 :	5/7.5/10/15W

B300K

USB-A :	12W Max. 5V/2.4A
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