

Home Backup Power Station



AC300*+B300



AC500*+B300S



EP500



EP500Pro

AC Outlets	US/JP EU UK AU SA CN			
Battery	LiFePO ₄			
Capacity	3,072Wh-12,288Wh (Compatible with 1-4 x B300)	3,072Wh-18,432Wh (Compatible with 1-6 x B300S)	5,120Wh	
Life Cycles	3,500+			
AC Output	3,000W (Surge 6,000W)	5,000W (Surge 10,000W)	2,000W (Surge 4,800W)	3,000W (Surge 6,000W)
Total Outlets	15/16	16	14/15	15/17
AC Outlets 100-120V (JP/US)	US: 6 * 120V/25A 1 * 120V/30A TT-30 JP: 6 * 100V/30A 1 * 120V/30A TT-30	US: 3*120V/41.7A 1*120V/30A L14-30 1 * 120V/30A TT-30 1 * 120V/50A NEMA14-50 JP: 3 * 100V/50A 1 * 100V/30A L14-30 1 * 100V/30A TT-30 1 * 100V/50A NEMA14-50	4*100V/20A(JP) or 4*120V/16.7A(US)	5*100V/30A(JP) or 5*120V/25A(US)
AC Outlets 220-240V (CN/EU/UK/AU)	6 * 220V-240V/13A	5 * 230V/16A 1 * 230V/32A	3*220V-240V/8.7A	3*220V-240V/13A
USB-C	1*100W	2 * 100W	1*100W	2*100W
USB-A	2*15W(Total) 2*18W		2*15W(Total) 2*18W	
Car	1*240W		1*120W	
Wireless Charging Pad	2*15W			
RV Outlet	1*12V/30A			
DC 5521	/		2*12V/10A	
Charging	AC 3,000W Max. PV 2,400W Max. Car 200W Max. AC+PV 5,400W Max.	AC 5,000W Max. PV 3,000W Max. Car 200W Max. AC+PV 8,000W Max.	AC 600W Max. PV 1,200W Max. Car 200W Max. AC+PV 1,800W Max.	AC 3,000W Max. PV 2,400W Max. Car 200W Max. AC+PV 4,000W Max.
Split Phase Bonding	120V/240V for US 100V/200V for JP		120V/240V for US 100V/200V for JP	
UPS	✓			
App	✓			
Scalability	Expandable up to 4 * B300	Expandable up to 6 * B300S or 4*B300	/	
Weight	22kg / 48.5 lbs	30kg / 66.2 lbs	76kg / 167.5 lbs	83kg / 183.0 lbs
Dimensions	520x325x358mm (20.5x12.8x14.1 in)		580x300x760mm (22.8x11.8x29.9 in)	
Certification	FCC, UL, TELEC, CE, NTC, RCM, LOA, ICASA		UN38.3, SRRC, FCC, UL, PSE, TELEC, CE, RCM	UN38.3, SRRC, FCC, UL, PSE, TELEC, NTC, CE, RCM, LOA, ICASA
Warranty	4 Years		5 Years	

Expansion Battery



B300



B300S








B500

Battery	LiFePO ₄		Battery	LiFePO ₄
Capacity	3,072Wh		Capacity	4,960Wh
Life Cycles	3,500+		Operating Temperature	-20°C to 40°C (-4°F to 104°F)
Outlets	1*100W USB-C 1*18W USB-A 1*12V/10A Car Port		Storage Temperature	
Charging	AC:6.6 Hours(500W Max.) PV:15.5 Hours(200W Max.) Car:15.8 Hours(200W Max.) AC+PV:5 Hours(700W Max.)	AC:6.6 Hours(500W Max.) PV: 6.6 Hours(500W Max.) Car:15.8 Hours(200W Max.) AC+PV:3.5 Hours(1,000W Max.)	Noise	<25dB
Pass-through Charging	Yes		Cooling	Passive Cooling
Compatibility	AC200L, AC300, AC200Max.	AC500	Pass-through Charging	Yes
Weight	36.1kg / 79.6 lbs	38kg / 83.8 lbs	Compatibility	EP600,EP760,EP800,EP900
Dimensions (LxWxD)	520x320x263 mm 20.5x12.6x10.4 in		Degree of Protection	IP65
Operating Temperature	-20°C to 40°C (-4°F to 104°F)		Weight	58kg / 127.9 lbs
Storage Temperature			Dimensions (LxWxD)	636x325x338 mm 25.0x12.7x13.3 in
Certifications	UN38.3, FCC, IC, UL, PSE, CE, RCM, KCC, LOA	UN38.3, FCC, UL, PSE, CE, RCM, LOA	Compliance	UN38.3, CE, FCC, IC, ETL, NEMA-4X, CA65, RCM, JIS C8715-2
Warranty	4 Years			

*AC300 and AC500 are inverters and need to be used with an expansion battery.

Residential Energy Storage System

		 EP600	 EP760	 EP800	 EP900
General	Country&Region	For EU / UK / AU		For US / CA	
	On Grid / Off Grid	On Grid / Off Grid		Off Grid	On Grid/Off Grid
	Capacity	4.9kWh-19.8kWh (1*EP600+1-4*B500)	4.9kWh-19.8kWh (1*EP760+1-4*B500)	9.9kWh-19.8kWh (1*EP800+2-4*B500)	9.9kWh-19.8kWh (1*EP900+2-4*B500)
	Parallel Capacity	9.9kWh-39.6kWh (2*EP600+2-8*B500)	19.8kWh-39.6kWh (2*EP760+4-8*B500)	19.8kWh-39.6kWh (2*EP800+4-8*B500)	19.8kWh-39.6kWh (2*EP900+4-8*B500)
	Maximum Output Power	6,000W	7,600W (Except Germany) 4,600W (Germany)	7,600W	9,000W
	Parallel Maximum Output Power	12,000W	15,200W(Except Germany) 9,200W(Germany)	15,200W	18,000W
	Input Frequency	50Hz		60Hz	
	Switching Over Time	≤10ms		<20ms	<10ms
	Phase	L1/L2/L3/N/PE	L/N/PE	L1/L2/N/G	
PV Input	Maximum Input Power	6,000W	9,000W	9,000W	
	MPPT Channel	2	3	2	
	MPPT Voltage Range/Rated	150V~500V/360V			
	Single MPPT Maximum Short-circuit Current	15A		15A/30A	
AC Output On-grid/ Backup	Rated Output Power*	6,000W	7,600W		9,000W
	Output Voltage	230V/400V	230V	120V/240V	
Other	APP	√			
	Operating Temperature	-20°C to 50°C (-4°F to 122°F)			
	Dimensions	636×325×370mm (25.0×12.7×14.5in)			
	Noise	≤50dB (A)			
	Net Weight	42kg / 93 lbs	46kg / 101 lbs	48kg / 106 lbs	
	Connectivity	Wi-Fi / Bluetooth / USB			
	Degree of Protection	IP65			
	Warranty	10 Years			
Compliance	Certifications	IEC 62477-1: 2012, EC 62477-1: 2012, EN 62477-1: 2012, IEC62109-1, IEC62109-2, EN62109-1, EN62109-2	IEC62109-1, IEC62109-2, EN62109-1, EN62109-2	UL9540, UL1741, UL1973, UN38.3, FCC Part 15 Class B, IEEE C62.41 Class B, NEMA 4X, CEC Efficiency, California Proposition65	UL9540, UL1741, UL1973, UN38.3, FCC Part 15 Class B, IEEE C62.41 Class B, NEMA 4X, CEC Efficiency, California Proposition65
	Grid connections	TOR type A:2022O, VER25:2020,EN50549, PTPIREE 2021,PSE:18 December 2018, NC RFG:2016, EN:50549-1:February 2019, VDE-AR-N 4105: 2018-11,DIN VDE V0124-100: 2020-06, DIN V VDE V 0126-1- 1:2013,EN50549-1:2019, RD 1699:2011,CEI 0-21: 2022-03 + V1:2022-11, EN 50549-1:2019	VDE-AR-N 4105:2018,VDE V 0124-100:2020-06, DIN V VDE V 0126-1-1:2013, RD 1699:2011,CEI 0-21: 2022-03 + V1:2022-11, AS 4777.2:2020	/	IEEE1547,IEEE2030.5,California Rule 21
	Emissions (EMC/EMI)	EN/IEC 61000-6-1, EN/IEC 61000-6-3		/	
	RoHS	RoHS 2.0		/	
	CE Certification	CE		/	

*The output power may vary in different modes: battery only, on grid, and with PV.