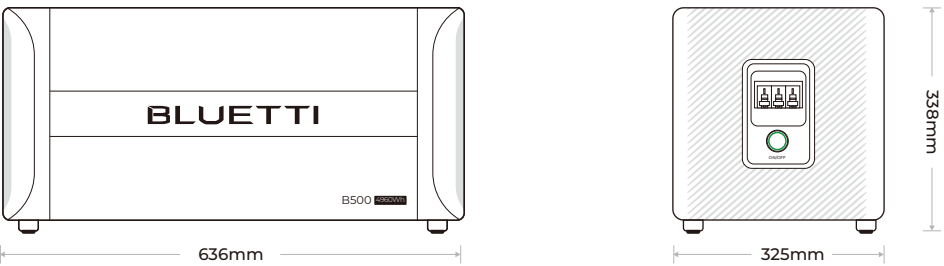


EP600 SPECIFICATION	
Working Humidity	5% to 95%
Working Altitude	≤6561FT (2000m)
Working Environment Temperature	-20°Cto 50°C (-4°C to 122°F)
Dimensions	636mm*325mm*370mm (25in*12.8in*14.6in)
Noise	≤50dB (A)
Net Weight	42kg (92lb)
Cooling	Forced Air Cooling
Connectivity	Wi-Fi、Bluetooth、 USB
NEMA Rating	IP65
Limited Warranty	10 Years



B500 SPECIFICATION	
Battery Chemistry	LiFePO ₄
Working Altitude	≤6561FT (2000m)
Working Environment Temperature	-20°Cto 40°C (-4°F to 104°F)
Battery Capacity	4.96kWh
Dimensions (L*W*H)	636mm*325mm*338mm (25in*12.8in*13.3in)
Noise	<25dB
Net Weight	58kg (127.9lb)
Cooling	Passive Cooling
IP Rating	IP65
Compliance	IEC62619、 UN38.3

*Specifications are subject to change without notice

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BLUETTI EP600







Residential modular energy storage system
Three phase 6000W

BLUETTI is a provider that offers residential energy storage systems and portable power storageproducts. With patented technology and independent intellectual property rights across the entire industrial chain, the company is a leading innovator in the field. EP600 residential energy storage system solutions prioritize security and practicality, utilizing a divided design that is easy to install, operate and boasts high quality performance. One of the key benefits of EP600 residential energy storage system is the ability to adjust home energy consumption patterns according to a control strategy. EP600 residential energy storage system can provide many

benefits to homeowners.including increased energy indepen-
dence, lower electricity bills and the ability to take advan-
tage of peak and off-peak energy pricing. The residential energy storage system comprised by an all in one PCS and energy storage batteries. This system is capable of providing off-grid power as well as interacting with the grid. It can store energy generated by solar panels and release it when required. Additionally, The system can also adjust home energy consumption patterns according to a control strategy, allowing households to take advantage of peak and off-peak energy pricing.

6000W MODULAR ENERGY STORAGE SYSTEM								
EP600	*1			*2 ¹				
Battery Modules	2	3	4	4	5	6	7	8
Capacity	9.9kWh	14.8kWh	19.8kWh	19.8kWh	24.8kWh	29.7kWh	34.7kWh	39.6kWh
Output Power	6kW			6kWx2				
Maximum Input Apparent Power	12kVA			12kVAx2				
Maximum Input Current	18A			18Ax2				
Input Frequency	50Hz							
On and Off-Grid Switching Time	<10ms							
Phase	L1/L2/L3/N/PE							

Home energy storage revolution
Electricity-Free

FLEXIBLE	POWERFUL	CONVENIENT
<div></div> <div>9.9kWh-39.6kWh¹ Customizable battery capacity</div>	<div></div> <div>6000W X 2 power output¹ Covers 99% of household appliances</div>	<div></div> <div>Innovative modular design Easy assembly and disassembly</div>
SAFE	RELIABLE	SMART
<div></div> <div>Lithium iron phosphate battery Ensures electrical safety</div>	<div></div> <div>Uninterruptible power supply Reduces interference and provides continuous power</div>	<div></div> <div>Remote control via APP User-friendly and convenient</div>

[1] Two EP600 connected in parallel only on-grid

PV INPUT	
Maximum Input Power	6 kW
MPPT Voltage Range/Rated	150V-500V/360V
MPPT Channel	2
Single MPPT Maximum Input Current	12.5 A

AC OUTPUT(OFF-GRID)	
Rated Output Power	6 kW
Output Voltage	230V/400V
Output Current	8.7A*3
Output Frequency	50Hz
Inversion Efficiency	94% Max
Output Voltage Total Harmonic Distortion (THD)	<3%

AC OUTPUT(ON-GRID)	
Rated Output Power	6 kW
Rated Voltage	230V/400V
Rated Output Current	8.7A*3
Input Frequency	50Hz
Power Factor (PF)	0.9 Leading to 0.9 Lagging Adjustable

COMPLIANCE&CERTIFICATION	
Compliance	IEC 62477-1:2012、EC 62477-1:2012、EN 62477-1:2012、IEC62109-1、IEC62109-2
	EN62109-1、EN62109-2
On-Grid	DE:VDE-AR-N 4105:2018-11DIN VDEV0124-100VDE V024-100)2020-06
	UK:UTE C15-712-1:2013、DIN VVDE V 0126-1-1:2013、Enedis-PRO-RES OE version 5
	EU/NL:EN 50549-1:2019 ES:RD647:2020UNE 217002:2020
	IT:CEI O-21:2019 + V1:2020
Emissions(EMC/EMI)	EN/IEC 61000-6-1、EN/IEC 61000-6-3
RoHS	ROHS 2.0
IP65	IEC60529
Certification	CE、UKCA

MANAGEMENT SYSTEM	
Anti-Islanding Protection	Reverse Polarity Protection
Residual Current Monitor	Insulation Resistance Detection
Output Overcurrent Protection	Short-Circuit Protection