

EP600 General	
Working Environment Temperature	-20°C to 50°C
Dimensions	636mm*325mm*370mm
Noise	≤50dB (A)
Net Weight	42kg
Cooling	Forced Air Cooling
Connectivity	Wi-Fi / Bluetooth
Degree of Protection	IP65
Limited Warranty	10 Years

B500 Modular Battery	
Battery Chemistry	LiFePO ₄
Working Altitude	2.000m max.
Working Environment Temperature	-20°C to 40°C
Battery Capacity	4,96kWh
Dimensions (L*W*H)	636mm×325mm×338mm
Noise	<25dB
Net Weight	58kg
Cooling	Passive Cooling
IP Rating	IP65

*Specifications are subject to change without notice



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TECHNOLOGY PIONEER IN CLEAN ENERGY

BLUETTI EP600

Residential Energy Storage System



Three-phase Output
Up to 12.000W in Parallel



Dual Voltage
230V/400V



Capacity
Up to 39.680Wh









PV input
Up to 12.000W

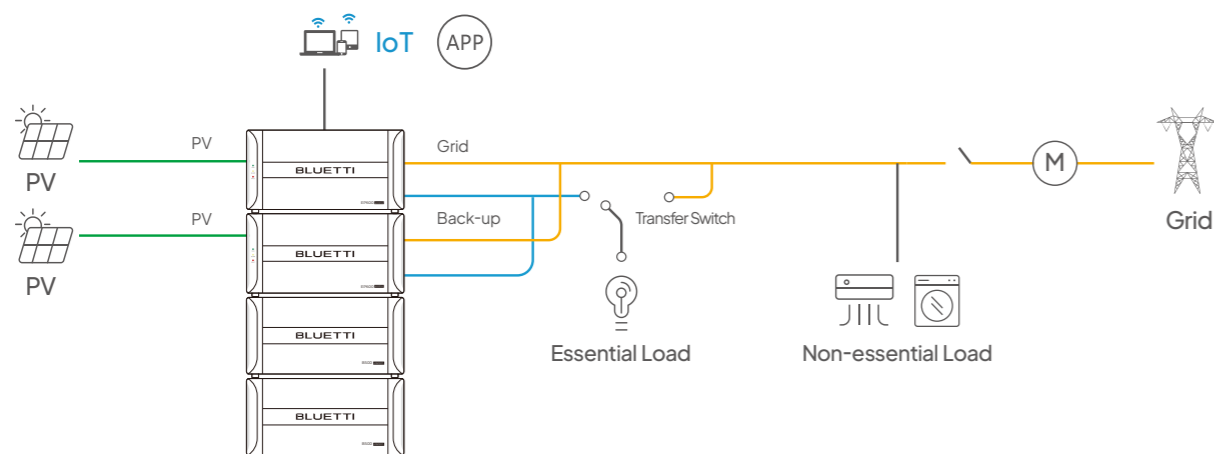
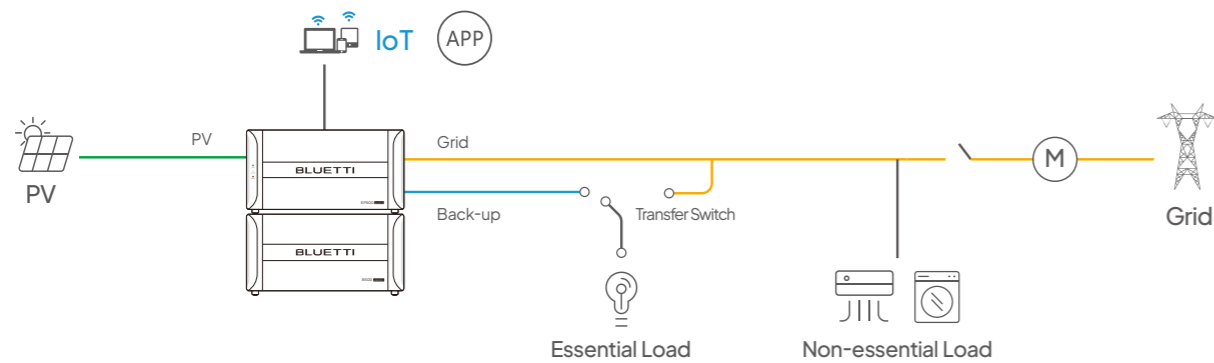
BLUETTI is a leading provider of residential and portable energy storage solutions with patented technology and intellectual property rights. Its EP600 system is a safe, reliable and high-performance product that can store and release solar energy, provide off-grid power and interface with the grid. EP600 can optimize energy consumption patterns and enable homeowners to achieve energy savings and energy independence.

Home energy storage revolution

Electricity-Free

FLEXIBLE	POWERFUL	CONVENIENT
 <p>4,9kWh-39,6kWh¹ Customizable battery capacity</p>	 <p>6.000W X 2 power output¹ Covers 99% of household appliances</p>	 4x2 ¹ <p>Innovative modular design Easy assembly and disassembly</p>
SAFE	RELIABLE	SMART
 <p>Lithium iron phosphate battery Ensures electrical safety</p>	 <p>Uninterruptible power supply Reduces interference and provides continuous power</p>	 <p>Remote control via APP User-friendly and convenient</p>

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



EP600 6000W Residential Energy Storage System									
EP600	1				2				
Battery Modules	1	2	3	4	2	3	4	6	8
Capacity	4,9kWh	9,9kWh	14,8kWh	19,8kWh	9,9kWh	14,8kWh	19,8kWh	29,7kWh	39,6kWh
Battery Grid-tied Discharge Power *	5.000W	6.000W			10.000W	12.000W			
Battery Off-grid Discharge Power *	3.500W	6.000W			7.600W	12.000W			
PV + Battery Discharge Power *	6.000W	6.000W			12.000W	12.000W			
Input Frequency	50Hz								
On/Off-Grid Switching Time	<10ms								
Phase	L1/L2/L3/N/PE								

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

PV INPUT (Per Inverter)	
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 (Per Inverter)	
Rated Output Power	6 kW
Output Voltage	230V/400V
Output Current	8,7A*3
Output Frequency	50Hz
Inversion Efficiency	94% Max.

COMPLIANCE	
Compliance	IEC 62477-1: 2012, EC 62477-1: 2012, EN 62477-1: 2012, IEC62109-1, IEC62109-2 EN62109-1, EN62109-2
Grid connections	(EU) 2016/631, EN 50549-1, VDE-AR-N 4105, DIN VDE V 0124-100 (VDE V 0124-100), UTE C 15-712-1, DIN V VDE V 0126-1-1, Enedis-PRO-RES_10E version 5, VFR, C10/11, TOR Erzeuger Type A version 1.2, OVE-Richtlinie R 25, G98 Issue 1 Amendment 7, PSE, PTPIREE, RD647, UNE 217002, CEI 0-21-03 + V1-11
Emissions	EN IEC 61000-6-3, EN IEC 61000-6-1
RoHS	2011/65/EU and (EU) 2015/863
Degree of Protection	IP65
Certification	CE,CB
Safety	IEC 62109-1, IEC 62109-2, EN 62109-1, EN 62109-2