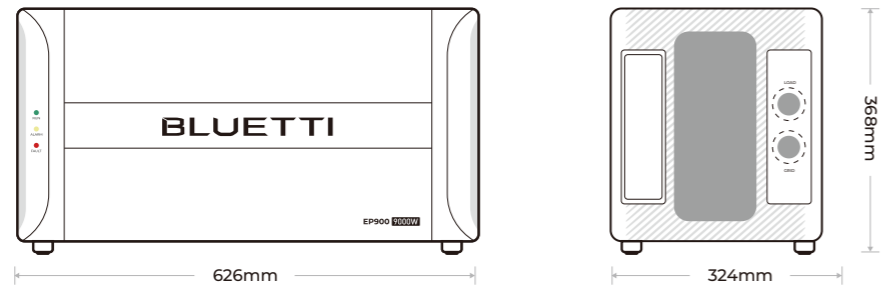
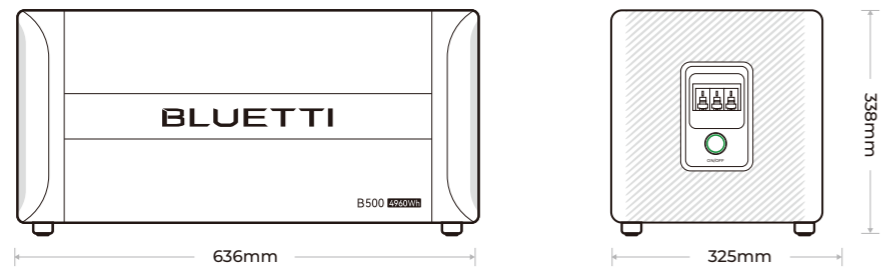


EP900 DIMENSIONS



Working Humidity	5% to 95%	Maximum Elevation	≤6561ft / 2000m
Working Temperature	-4°F to 122°F / -20°C to 50°C	Net Weight	105.8lbs / 48kg
Noise	≤50dB	Connectivity	Wi-Fi / Bluetooth / USB
Cooling	Air Cooling	Limited Warranty	10 Years
NEMA Rating	NEMA 4X		

B500 DIMENSIONS



Battery Chemistry	LiFePO <sub>4</sub>	Working Temperature	4°F to 104°F / -20°C to 40°C
Battery Capacity	4.96kWh	Weight	127.8lbs / 58kg
Noise	25dB	NEMA Rating	NEMA 4X
Cooling	Passive, Fanless		
Compliance	IEC62619, UL1973, UL9540A, UN38.3, EN/IEC 61000-6-1, EN/IEC		

\*Specifications are subject to change without notice.



# BLUETTI EP900

9000W Energy Storage System

**BLUETTI POWER INC.**  
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BLUETTI EP900 is a modular ESS (Energy Storage System) featuring 9000W output, 9000W input and a maximum capacity of 19.8kWh. With an intelligent Battery Management System (BMS) and reliable Lithium Iron Phosphate (LFP) battery pack, EP900 always gives its optimal performance regardless of the cold or hot weather.

Whether you're trying to get rid of high electric bills, are tired of fluctuating power supply that happens now and then, or getting ready for clean energy solutions, the BLUETTI EP900 ESS is right for you.

 <b>4 PCS</b>	<b>9000w</b>	 <b>10 YEARS</b>
<b>Modular Battery</b>	<b>High Output</b>	<b>Warranty</b>
<b>19.8 kWh</b>	<b>9000w</b>	
<b>Large Capacity</b>	<b>Fast Input</b>	<b>On/Off Grid</b>

EP900 ENERGY STORAGE SYSTEM						
EP900	*1				*2 <sup>1</sup>	
Battery Modules(B500 *2 - 8)	2	3	4	4	6	8
Capacity	9.9kWh	14.8kWh	19.8kWh	19.8kWh	29.7kWh	39.6kWh
Output Power <sup>2</sup>	7.6KW	9kW		7.6KWx2	9kW x 2	
Grid Voltage (Input / Output)	120VAC/240VAC			120VAC/240VAC		
Grid Input	5kVA	7.5kVA	9kVA	5kVAX2	7.5kVA X 2	9kVA x2
Maximum Input Current	58A			58A x 2		
Input Frequency	60Hz			60Hz		
Round-trip Efficiency	>85% (AC/AC)			>85% (AC/AC)		
On and Off-Grid Switching Time	<10ms			<10ms		
Phase	L1/L2/N/G			L1/L2/N/G		

[1] Connect two EP900 units on-grid  
 [2] The maximum output is 7.6kW under Off-Grid conditions, and 9kW under On-Grid conditions

PV INPUT	
Maximum Power	9kW
MPPT Voltage	150V-500V
MPPT Channel/Array	1/2
MPPT Efficiency	99.9%
PV Charging Efficiency	96.0%
Maximum Input Current	12.5A/25A

COMPLIANCE	
System	UL9540
Inverter	UL1741
Grid Connections	UL1741 SA/SB, IEEE1547, IEEE1547.1, CSA22.2 No.107.1, UL1998, California Rule 21
Emissions	FCC Part 15 Class B
Surge Protection	IEEE C62.41 Class B
Others	NEMA 4X, CEC Efficiency, California Proposition65

VERSATILE	SMART	SAFE
24/7 UPS	APP Remote Control	No Fume
Adjustable Energy Plan	WiFi / Bluetooth / USB Connectivity	Reliable BMS
Peak-load Shifting	Over-the-air Update	Premium LFP Battery
<10ms Switching Time		Passive/Active Cooling

SIMPLE	
Easy Setup (Indoor/Outdoor)	Home-suitable power output
Household AC Wiring Interconnection	Easy to operate

If you're starting from the scratch, you can count on EP900 ESS for reliable home power source.

