



BLUETTI EP800

Installation Confirmation

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EP800 SN		Battery 1 SN		Battery 2 SN	
Battery 3 SN		Battery 4 SN		Installation Date	

Step	Task	Requirement	Checked (√)
Pre-installation	1.Check the open circuit voltage and Max. MPPT current of PV arrays	Voc < 500V, Current < 12.5A/25A	
	2.Confirm the installation condition and environment	Refer to the User Manual.	
	3.Check the packaging and unpack the EP800 System	Refer to the User Manual.	
	4.Stack up the base and EP800 System units	Refer to the User Manual or YouTube channel: BLUETTI support.	
Electrical connection	1.Connect the grounding cables	Refer to the User Manual or YouTube channel: BLUETTI support.	
	2.Connect the GRID and BACKUP cables		
	3.Connect the battery power cables between EP800 and B500		
	4.Connect the communication cable between EP800 and B500		
	5.Connect the battery expansion cables between B500s		
	6.Connect the communication cables between B500s		
	7.Install the IoT controller		
	8.Connect the PV cables		
	9.Install the plastic covers		
	10.Connect to the sub panel		
	11.Connect to the main panel		
Inspection	1.Circuit inspection	Refer to the User Manual.	
	2.Power on the EP800 System (Keep System Switch OFF in the app)		
App test	1.Firmware upgrade	Refer to the EP800 System App User Manual .	
	2.Advanced settings		
	3.Powering on the EP800 System (Turn System Switch ON in the app setting)	Refer to the User Manual or YouTube channel: BLUETTI support.	
	4.EP800 System function testing	Test Grid charging/Backup UPS.	
	5.App training for customers	Refer to the EP800 System App User Manual.	

Notice for installation

- 1.Installation **must be** done by a **licensed electrician**.
Improper installation may result in personal injury or death and property damage.
- 2.Prepare the necessary tools and accessories before installation.
- 3.Please **read** the EP800 Energy Storage System **User Manual**.
- 4.Check whether the **open circuit voltage** of the solar array is lower than **500V** and **the cable connection condition**.
- 5.Make sure the router is set to IEEE 802.11 b/g/n **2.4GHz** and disable the 5GHz band.
- 6.Make an **App training** for customers and tell them the attention items.
- 7.Keep the total load connected to the EP800 BACKUP terminal within the specified range:
3800W for single-phase and **7600W** for split-phase installations.
- 8.**Do not** connect the **grid cables** to the EP800 **BACKUP terminal**.

Installer (signature):		Home owner confirmation (signature):	
Date:		Date:	
More information	Website: https://www.bluettipower.com Email: service@bluettipower.com		