

FAQS BLUETTI EB3A

Q1: Can it charge and discharge at the same time?

Yes.

Q2: How do I know whether my appliance can work well with the EB3A?

Calculate the total wattage of your devices. EB3A would work if the load doesn't exceed its rated 600W.

Q3: How long can it run my device?

Running time = Battery capacity \times DoD \times η \div Device rated power

DoD refers to Depth of Discharge and η is local inverter efficiency.

For EB3A, both DoD and η are 90%. If you run a 100W LED Light with it, the running time will be:

$268\text{Wh} \times 90\% \times 90\% \div 100\text{W} \approx 2.17\text{hrs}$

Note:

- 1) The formula is NOT suitable for inductive loads with compressors, like refrigerator, air conditioner, etc.
- 2) The above data is for reference ONLY.

Q4: What is the maximum input charging power of the EB3A?

430W Max. via AC and solar charging simultaneously.

Q5: Does EB3A support BLUETTI App control?

Yes. Via Bluetooth.

Q6: What kind of solar panels should I choose for EB3A?

EB3A is compatible with solar panels with 12-28V Open Circuit Voltage, 200W Max. input, and MC4 connectors.

Highly Recommended:

1x BLUETTI PV120: $\approx 2.7\text{hrs}^*$.

1x BLUETTI PV200: $\approx 1.8\text{hrs}^*$.

* For reference ONLY.

Q7: Is the EB3A power station waterproof?

No. Please do NOT store it in a humid environment for a long time.

Q8: How to deposit EB3A?

Store in a dry and well-ventilated place and recharge to 80% every 3-6 months.

Q9: Can I use or charge EB3A in sub-zero temperatures?

Temperature ranges for EB3A are:

Charge: 0-40°C (32-104°F);

Discharge: -20-40°C (-4-104°F);

Storage: -10-45°C (14-113°F).

Technically, it can power electrical devices in sub-zero temperatures, but please avoid charging it.

Q10: Can it be laid on its side to save space?

No. Because that may loose the internal structure. Please keep it upright to ensure its performance.

Q11: Is it possible to replace the built-in battery?

No. If the internal battery pack malfunctions, please contact BLUETTI Customer Service.

Q12: Can I expand its capacity by connecting with B230/B300 battery?

No.