

EB70S FAQ's

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

A:
Yes

Q2: How do I know whether my appliance can work well with the EB70S?

A:
Calculate the total wattage of your devices. EB70S should work if the load doesn't exceed its rated 800W.

Q3: How long can it run my device?

A:
Running time = Battery capacity × DoD × η ÷ Device rated power DoD refers to Depth of Discharge and η is local inverter efficiency.
For EB70S, both DoD and η are 90%. If you run a 500W blender with it, the running time will be:

$716\text{Wh} \times 90\% \times 90\% \div 500\text{W} \approx 1.2\text{hrs}$

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 BLUETTI EB70S?

A:
200W Max.

Q5: What kind of solar panels should I choose for EB70S?

A:
PV input requirements for EB70S:
Open Circuit Voltage: 12-28V
Input Power: 200W Max.
Include MC4 connectors.
Highly Recommended: 1x BLUETTI PV120: $\approx 6.5\text{hrs}^*$. 1x BLUETTI PV200: $\approx 4\text{hrs}^*$.
* For reference ONLY.

Q6: Can I use or charge EB70S in sub-zero temperatures?

A:
Temperature ranges for EB70S are:

Charge: 0-40°C (32-104°F);

Discharge: -20-40°C (-4-104°F);

Storage: -20-40°C (-4-104°F).

Technically, it can power electrical devices under such situations, but please avoid charging it.

Q7: Does EB70S support BLUETTI App control?

A:

No.

Q8: Can it be laid on its side to save space?

A:

No. Long-term placement will make the internal structure loose, it is recommended to place the machine upright

Q9: Can I expand its capacity by connecting with B230/B300 battery?

A:

No.

Q10: Is the solar charge controller mode MPPT or PWM?

A:

MPPT.

Q11: What is the difference between the EB70 and EB70S?

A:

The difference lies in output power; EB70S delivers up to 800W AC power while EB70 provides 700W.