

EB 55 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 EB55?

A: Calculate the total wattage of your devices. EB55 should work if the load doesn't exceed its rated 700W.

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 EB55, both DoD and η are 90%. If you run a 500W blender with it, the running time will be:

$537\text{Wh} \times 90\% \times 90\% \div 500\text{W} \approx 0.8\text{hrs}$

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 EB55?

A:

200W Max.

Q5: What kind of solar panels should I choose for EB55?

A:

PV input requirements for EB55:

Open Circuit Voltage: 12-28V

Input Power: 200W Max.

Include MC4 connectors

Highly Recommended: 1x BLUETTI PV120: ≈5hrs*. 1x BLUETTI PV200: ≈3.5hrs*.

* For reference ONLY.

Q6: Is the EB55 power station waterproof?

A:

No. Also, please do NOT store it in a humid environment for a long time.

Q7: Can I use or charge EB55 in sub-zero temperatures?

A:

Temperature ranges for EB55 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.

Q8: Does EB55 support BLUETTI App control?

A:

No.

Q9: Is it possible to replace the built-in battery?

A:

No. If the internal battery pack is faulty or even dead, please contact BLUETTI Customer Service.

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

A:

MPPT.

Q11: Can I expand its capacity by connecting with B230/B300 battery?

A:

No