

## ***Sherpa PEAK 3.0-EB - FAQs***

1. Which Portable Power Stations are compatible with Sherpa PEAK 3.0-EB?

It is only able to be linked to the PEAK 2.2 model.

2. What devices can PEAK 3.0-EB power?

The DC output ports are limited to USB A and C or a 12V, 30A load from the XT60 Output. Small DC heaters and camping fridges can run on it comfortably.

3. How do I calculate the PEAK 3.0-EB run time?

General equation for run time = Total Capacity (2048Wh) x 0.85 (Depth of Discharge) / Load (Device rated power-Watts)

4. Can the PEAK 3.0-EB be charged while discharging?

Yes, via the DC input MPPT port, DC power can be charged and discharged simultaneously. Also when linked to its host unit, it can discharge AC or DC whilst being simultaneously charged by either source.

5. How should the PEAK 3.0-EB be stored?

Please turn off the unit and store it in a dry, ventilated place at normal room temperature. Do not place this unit near water sources or a wet/moist environment. For long-term storage, it is recommended to discharge the battery to 30% every three months and recharge it to 60% to sustain the battery life.

6. Is there any other safety advice?

- This product is IP-rated 20 and is therefore NOT waterproof.
- Pay attention to ventilation and heat dissipation when in use.
- Ensure adequate space for the vent fans to dissipate internal heat when in use.
- Do not use the product in environments where volatile gas may be present.
- When cleaning the product, wipe it with a dry, soft, clean cloth.

7. Can this product be transported by plane?

No, it is classed as dangerous goods and must be shipped by sea and land only.

8. Is the actual useable capacity of the product consistent with the capacity stated in the user manual?

All batteries reserve some capacity to prevent them from permanent damage by deep discharge. The actual useable capacity of the PEAK 3.0-EB is therefore lower than the capacity specified in the user manual by approximately 15% so you can use up to 85%.

9. What is the storage capacity of the PEAK 3.0-EB?

The PEAK 3.0-EB has a rated capacity of 3072Wh and a useable capacity of approximately 2,611Wh.

10. Does the PEAK 3.0-EB support an Extra Battery scalability?

Yes, up to 2 extra battery packs and a host unit can be linked to the PEAK 3.0-EB to achieve up to 7,680Wh capacity.

11. Does PEAK 3.0-EB have a built-in MPPT charge controller?

Yes, there is a built-in MPPT controller; use the GX16MF port for 12V-95V (15A Max) for PV (photovoltaic) input or micro wind DC charging.

12. What kind of solar panels should I use to charge PEAK 3.0-EB?  
Total open circuit voltage: 12V-95V, 15A Max

Max input power: 400W

13. How does the PEAK 3.0-EB charge?

The PEAK 3.0-EB takes energy from its host unit such as the PEAK 2.2 once it is linked up. When both are activated, they balance out their charge levels.