



Energizer. Solar

# Peak 2500 Expansion Battery

2560Wh

ZA VERSION



The Energizer Solar Peak 2500 expandable battery, when paired with the Energizer Solar Peak 3000 Portable Power Station, provides an enhanced power solution by increasing the battery capacity to 17.5kWh (a maximum of 6 batteries). This combination allows you to store and have more power when you need it the most.

With the expandable battery, you can extend the run-time of your power station, ensuring a reliable and continuous power supply for all your devices and appliances. Whether you are going off-grid or preparing for emergencies, the Energizer Solar Peak 2500 and 3000 combination offers a convenient and sustainable power solution.

- Built in BMS management protection system
- Software dynamic addressing method
- High-capacity, high-safety shell core
- Software calculates SOC, SOH, SOP algorithms
- Supports CAN communication
- Online upgrade function



QUALITY APPROVED BY

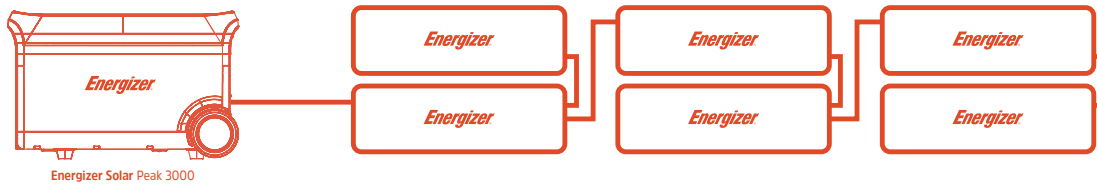
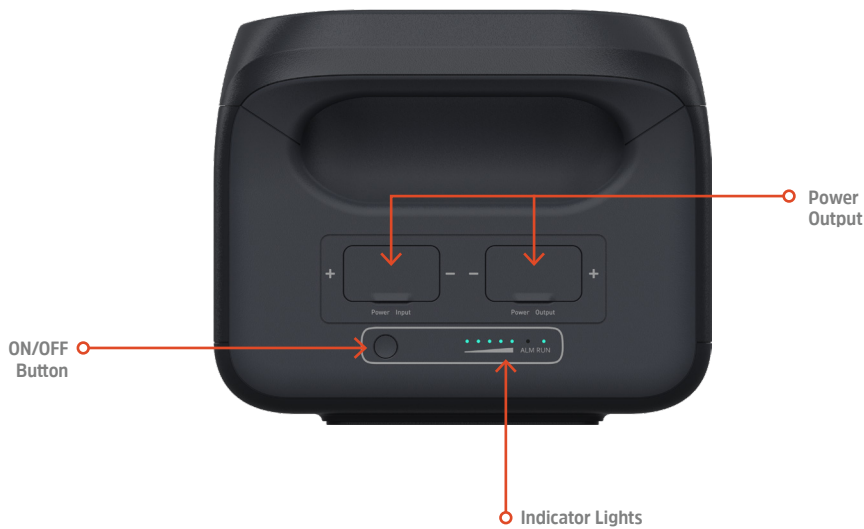
**Energizer**  
**HardCase**  
PROFESSIONAL

**Technical Data**

<b>Battery Type</b>	Lithium iron phosphate battery (LiFePO4)
<b>Battery Capacity</b>	2560Wh
<b>Cycle Life*</b>	4000 cycles
<b>Continuous Charge/Discharge Current</b>	50/70A
<b>Operating Ambient Temperature Range</b>	Charge: 0°C ~ 45°C (32°F ~ 113°F), Discharge: -20°C ~ 45°C (-4°F ~ 113°F)
<b>Storage Ambient Temperature Range</b>	-20°C ~ 45°C (-4°F ~ 113°F)
<b>Operating Ambient Humidity Range</b>	10-85%
<b>Single Over-Voltage Protection</b>	3650mV
<b>Single Under-Voltage Protection</b>	2500mV
<b>Charge/Discharge Current Protection</b>	80/100A
<b>Charge/Discharge High Temperature Protection</b>	55°C (131°F)/55°C (131°F)
<b>Charge/Discharge Low Temperature Protection</b>	0°C (32°F)/-20°C (-4°F)
<b>Excessive Differential Pressure Alarm</b>	500mV
<b>Low SOC alarm</b>	5%
<b>Equalization Current</b>	120mA
<b>Weight</b>	25.2kg (55.55lbs)
<b>Dimensions (W x H x D)</b>	536 x 270 x 255mm (21.1" x 10.6" x 10.0")
<b>Certifications</b>	FCC Part 15B, CA65, TSCA, RoHS, Reach, WEEE, POPS, UN38.3, MSDS
<b>Warranty</b>	5 Years Battery Warranty, 2 Years Parts Warranty

\*Cycle Life: Test conditions, 95% DOD, 0.5C charge & 1.0C discharge at 25°C ±3°C (77°F ±37.4°F)

**Product Overview**



**A maximum of 6 batteries can be used in parallel.**  
Only compatible with the Energizer Solar Peak 3000 Portable Power Station