



Energizer. Solar

Peak 2500 Expansion Battery

2560Wh

EU 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

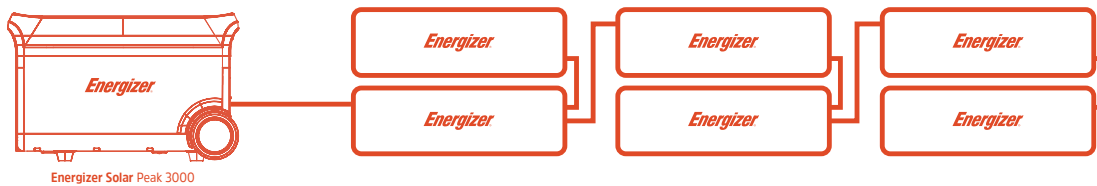
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Technical Data

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