

Portable Micro-energy Storage System

Power Supporter 48Wh



BCT-PS1.0



5-year Warranty



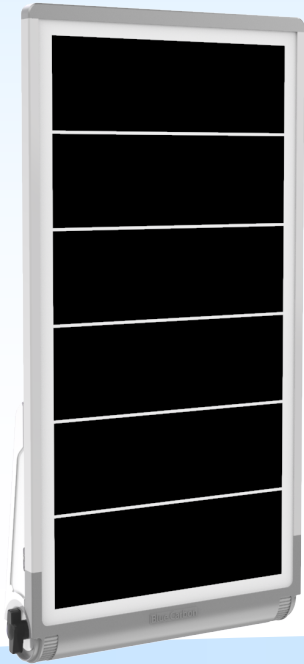
3-year Free Replacement

Product Configuration

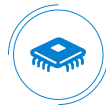
Model	BCT-PS1.0
Product Name	Power Supporter
Solar Panel	3.6V/15W
Open-Circuit Voltage (Voc)	4V
Optimum Operating Voltage (Vmp)	3.7-4V
Short-Circuit Current (Isc)	4A
Optimum Operating Current (Imp)	2.2A
LiFePO ₄ Battery	
Norminal Voltage	3.2V
Electricity	48 Wh
DOD	80%
Cycle	>6000 cycles, <0.5C
Output	
USB Output	5V
Type-C Output	5V
DC Bulb Output	3.2V/10W
Light Time	When the product is fully charged and uses the standard LED external bulb light, 3 lights can provide sustainable lighting for 12 hours, 2 lights can provide sustainable lighting for 24 hours and 1 light can provide sustainable lighting for 36 hours
Product Information	
Product Size	435×228×46mm
Weight	2kg
Inner carton size	442(L)×235(W)×85(H)mm 1pc
Outer Carton size	710(L)×465(W)×255(H)mm 8pcs/carton

Product Display

Multi-angle Appearance Display



Overload protection



High-quality battery cells

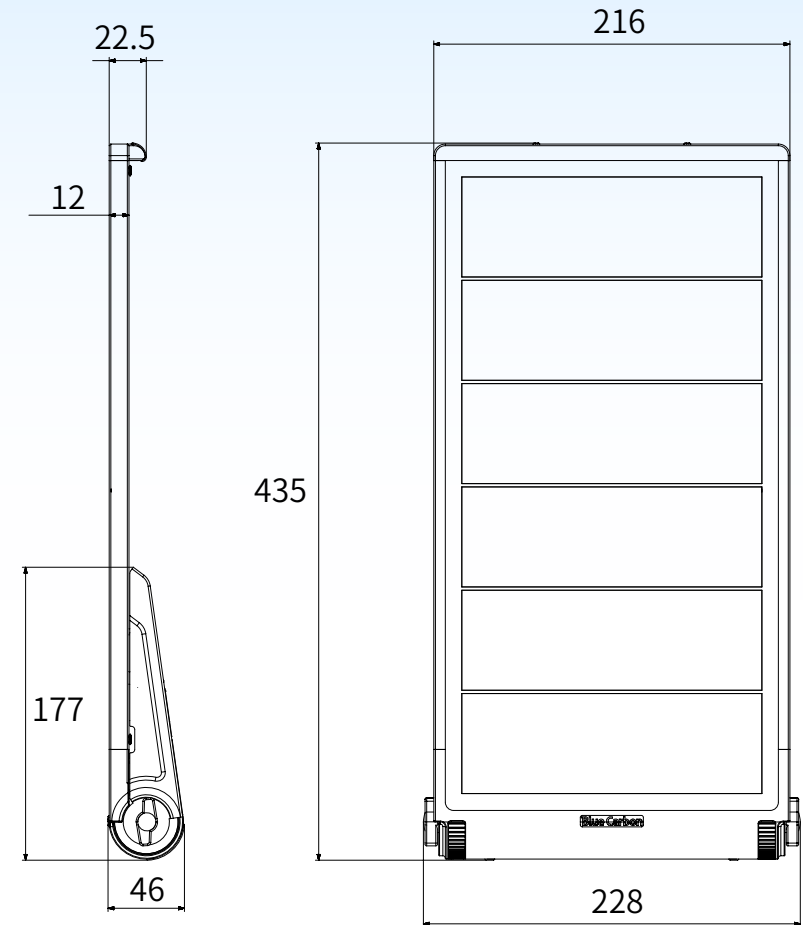
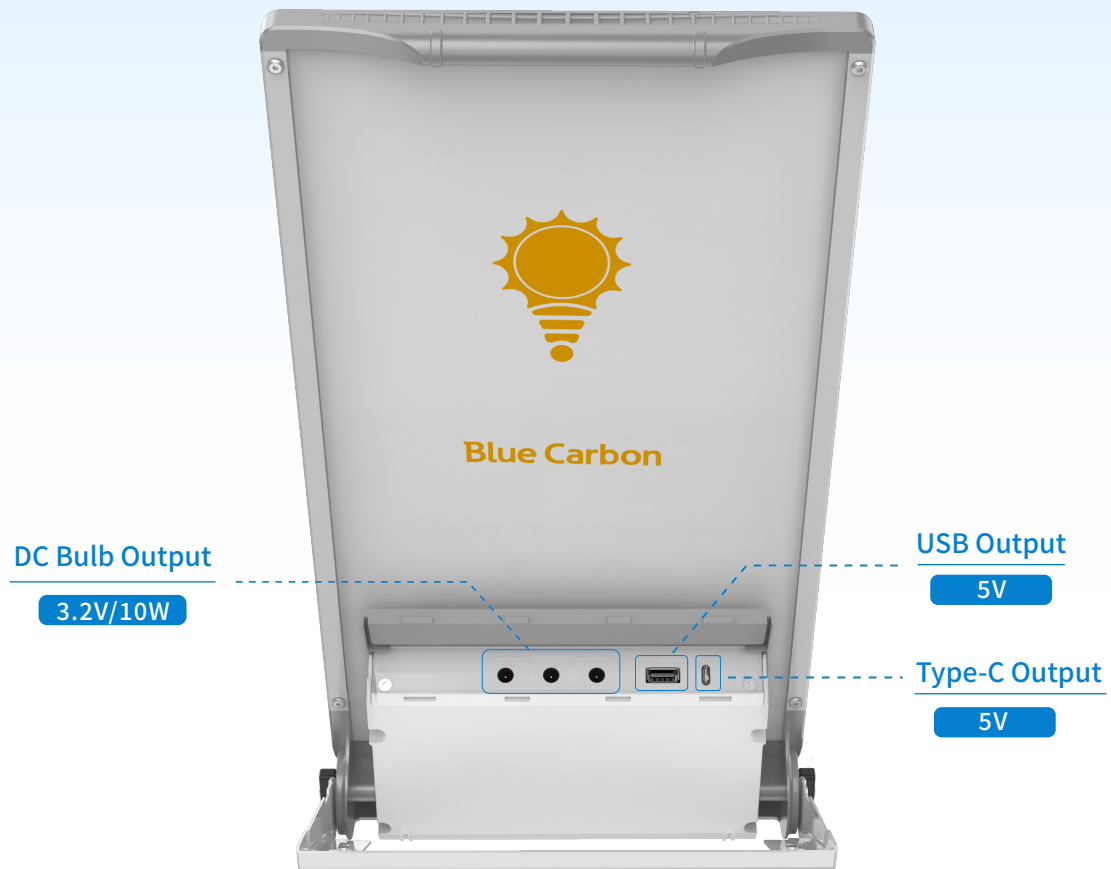


Short-circuit protection



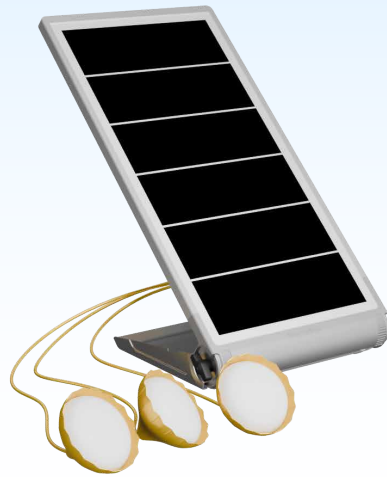
Over-discharge voltage protection

Product Information & Product Dimensions



Unit: mm

Accessories Display & Product Advantages



Power Supporter

LED External Bulb Light×3



Design

Patented Design, Independently Developed Technology, Advanced Product Concept



Moveable

Compact Size, Easy to Carry, Adapts to Various Usage Scenarios



Affordability

DC Output, Safe and Reliable, Meets Various Needs of Users



Durability

Lithium Iron Battery(LiFePO₄), Long Product Lifespan



Innovation

Technological Breakthroughs, Innovative High Quality



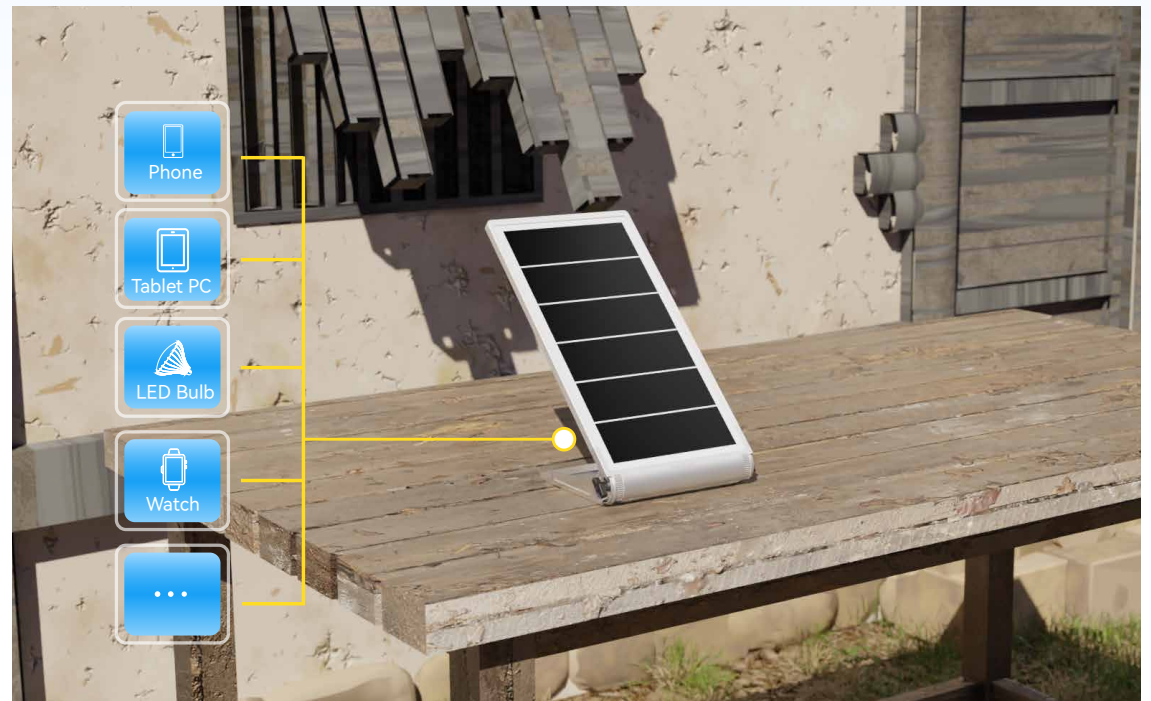
Quality

High-Quality Raw Materials, Superb Manufacturing Craftsmanship, Integrated Packaging

Product Function

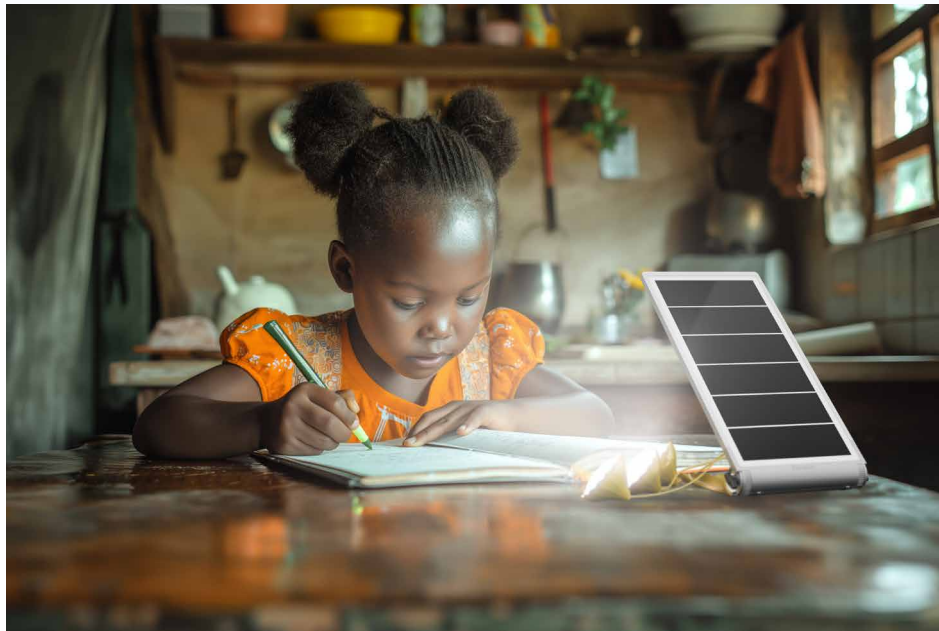


This product mainly consists of a solar panel and lithium iron battery, making it a standalone system for power generation, energy storage, and application. Designed for areas with limited or no electricity, it is a portable all-in-One unit integrated with solar power generation and storage system. It's lightweight, versatile, safe, eco-friendly, and without electricity costs.



Application Demonstration

Can be used for home, outdoor activities, commercial places, tourism, camping, farms, plantations, night markets, restaurants, farmhouses, etc.
Can be used as a necessary power backup for survival activities. This product needs no wires and installation. It has the strengths of DC low-voltage output, high safety, no consumption of electricity, a long life, energy saving and environmental friendly.



Application Demonstration

