

Portable System



Sun-Power

Solar Home System



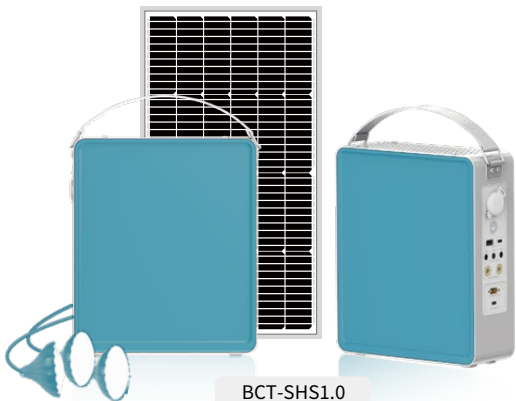
Backup power



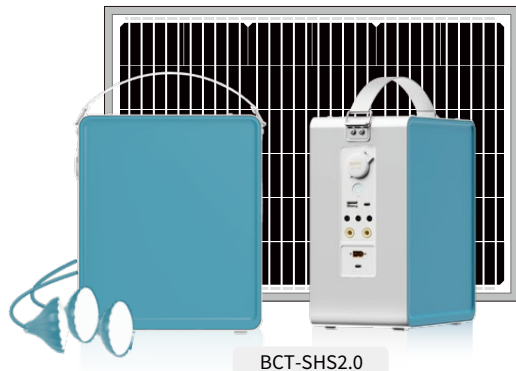
Camping



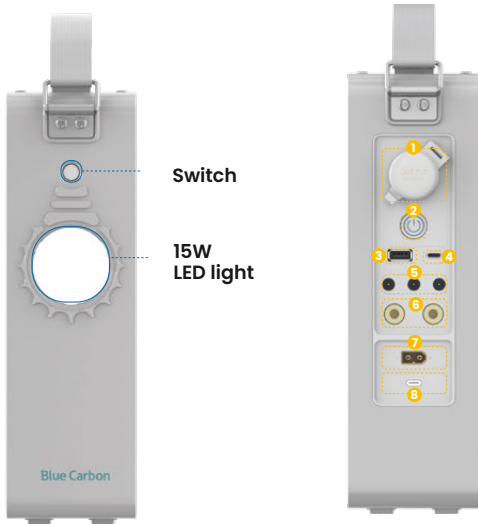
Travel



BCT-SHS1.0



BCT-SHS2.0



Switch

15W LED light

Technical Parameters

Model	Model: BCT-SHS1.0	Model: BCT-SHS2.0
Solar Panel	12V60W	12V120W
Open-Circuit Voltage (Voc)	16.56V	16.76V
Optimum Operating Voltage (Vmp)	14.39V	14.32V
Short-Circuit Current (Isc)	4.17A	8.9A
Optimum Operating Current (Imp)	4.18A	8.39A
Working Efficiency (%)	22%	22%
LiFePO ₄ Battery		
Nominal Voltage	3.2V	3.2V
Electricity (kwh)	0.5kWh	1kWh
DOD	80%	80%
Cycle	>6000 cycles, <0.5C	>6000 cycles, <0.5C
Output		
Car Charger Output	12V10A	12V10A
USB Output	5V2A	5V2A
Type-C Output	5V2A	5V2A
DC Bulb Output	12V2A	12V2A
DC Home Appliance Output	12V10A	12V10A
Max Output Power	100W	240W
Other		
LED Bulb	10W×3Pcs	10W×3Pcs
Builitn LED	15W	15W
Product Size	236mm×82mm×276mm	236mm×137mm×276mm

- 1 Car Charger Output
12V10A

2 Switch

Charge

Discharge

0%~60%

60%~99%

100%

10%~0%

60%~10%

100%~60%
- 3 USB Output
5V2A

4 Type-C Output
5V2A

- 5 DC Bulb Output
12V2A

6 DC Appliance Output
12V10A

7 12V PV Input
5V-12A

8 Type-C AC Inout
5-12V-5A

Power Supporter

Portable Micro-energy Storage System



Standard Configuration



Power Supporter

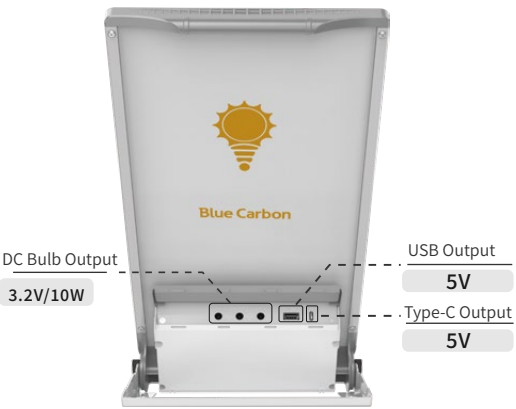
LED External Bulb Light×3



Technical Parameters

Model: BCT-PS1.0

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	
Nominal 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 Size	
Product Size	435×228×46mm



DC Bulb Output

3.2V/10W

USB Output

5V

Type-C Output

5V

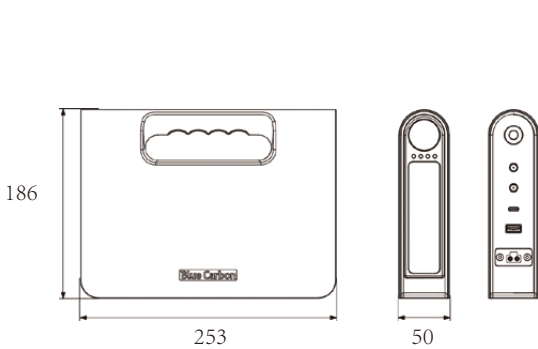
Carbon Free

Solar Home System

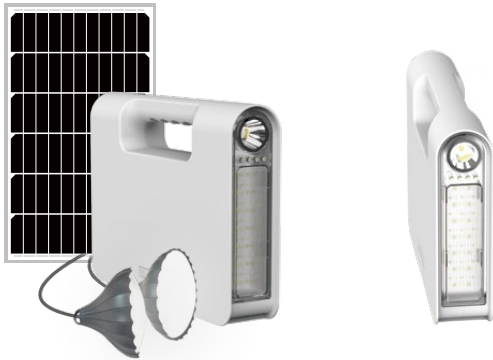


Technical Parameters Model: BCT-CF1.0

Battery Electric	LiFePO4 Battery 80W•h
Solar Panel	5V/15W
Lighting Time	One external lamp works 13 hrs; Two external lamps work 6 hrs; For the built-in lamp, high beam works 8 hrs, flood light works 8 hrs and SOS light works 26 hrs.
External Lamp	Common 6W LED×2pcs
Built-in lamp	High Beam (Common 9W LED) Flood Light (Common 9W LED) SOS Light (Common 3W LED)
USB Output	One circuit output 5V/2A
Type-C Output	One circuit output 5V/2A
DC Output	Two circuits DC output 3.2V



unit: mm



1kWh

Solar-storage-application Integrated System

Technical Parameters Model: BCT-SPS 12-80

Nominal Capacity	80Ah
Nominal Voltage	12V(12.8V)
Electricity(kWh)	1024Wh
USB Output	Two output 5V/2A
DC Output	Three output 12V/2A
Car Charger Output	12V/10A
Type-C Output	5V/2A
Charging Voltage	14.6V-20V
Cut-Off	2.5V single cell
AC Output Power	220V/1.1KW
AC Output Frequency	50Hz; Pure sine wave
Depth of Discharge	>80%
Self-Discharge (25°C)	<3%/month
Working Temperature Range	-20°C—70°C
Recommended Temperature Range	10°C—45°C

1kWh solar system can be charged by solar, to store the electricity, with inverter built-in, can directly supply the power to the electric appliances when power outage. It is one comprehensive storage system integrating generation, storage and usage. Unlike generators, a 1kWh solar system needs no maintenance, no fuel consumption, and no noise, making your home lights always on, and home appliances always run. With easy installation, a simple design, and a perfect fit for a variety of architectural styles, it is suitable for homes, businesses, industries, aquaculture, planting, field work, camping tourism, night markets, etc.



- 1 Handle
- 2 Master Switch
- 3 Display
- 4 Type-C Output
- 5 USB Output
- 6 DC Output
- 7 Car Charger Output
- 8 AC Output
- 9 DC Input

