

POTENCIA VERDE®

WIND • SOLAR & CONTRACTORS

Sun-power

BCT-SHS1.0/2.0



BCT-SHS1.0
LiFePO₄ Battery **500 Wh**



BCT-SHS2.0
LiFePO₄ Battery **1 kWh**

Technical Parameters

Solar Panel	12V50W	12V80W
Open-Circuit Voltage (Voc)	13.9V	13.9V
Optimum Operating Voltage (Vmp)	11.92V	11.92V
Short-Circuit Current (Isc)	2.59A	2.59A
Optimum Operating Current (Imp)	2.38A	2.38A
Working Efficiency (%)	22%	22%
LiFePO₄ Battery		
Normal 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	12V20A	12V20A
USB Output	5V2A	5V2A
Type-C Output	5V2A	5V2A
DC Bulb Output	12V2A	12V2A
DC Home Appliance Output	12V10A	12V10A
Input		
PV Input	5-12V	5-12V
Type-C Input	5-12V 5A	5-12V5A
LED Bulb	10W×3Pcs	10W×3Pcs
Built-in LED	15W	15W
Product Size	236mm×82mm×276mm	236mm×137mm×276mm

SUN-POWER

3
YEARS
REPLACEMENT



- 1 Car Charger Output
12V20A
- 2 Switch
Charge Discharge
0%~60% 10%~10%
60%~99% 60%~10%
100% 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



Switch
15W
LED light
Blue Carbon