

Sun-Power

Solar Home System

500Wh



Model		BCT-SHS1.0
Product Name	Sun-Power 1.0	
Solar Panel		12V60W
Open-Circuit Voltage (Voc)	16.56V	
Optimum Operating Voltage (Vmp)	14.39V	
Short-Circuit Current (Isc)	4.17A	
Optimum Operating Current (Imp)	4.18A	
Working Efficiency (%)	22	
LiFePO₄ Batter		
Nominal Voltage	3.2V	
Electricity (kwh)	500Wh	
DOD	80%	
Cycle	>6000 cycles, <0.5C	
Output		
Car Charger Output	12V10A	
USB Output	5V2A	
Type-C Output	5V2A	
DC Bulb Output	12V2A	
DC Home Appliance Output	12V10A	
Max Output Power	100W	
Input		
PV Input	5-12V	
Type-C Input	5-12V 5A	
Other		
LED Bulb	10W×3Pcs	
Built-in LED	15W	
Product Size	236mm×82mm×276mm	
Weight	4kg	
Package Size(6pcs)	553×378×310mm	
Package Size(Solar Panel 6pcs)	813×220×448mm	

*Work together with Blue Carbon solar panel only.

Modified Sine Wave Inverter (Optional Accessory)		
Input parameter	Rated input voltage	12V DC
	Rated input voltage range	10.2~15.2V DC
	Under rated voltage protection value	9~10.2V DC
	Over rated voltage protection value	15.2~16V DC
Output parameter	Rated output power	100W
	Rated output voltage	230V AC
	Max Output Power	100W



Inverter



TV



Mobile Phone



Fan



Electric Razor



Ice Cooler



Electric Kettle



Bulb



Rice Cooker



Freezer



Hair Clipper

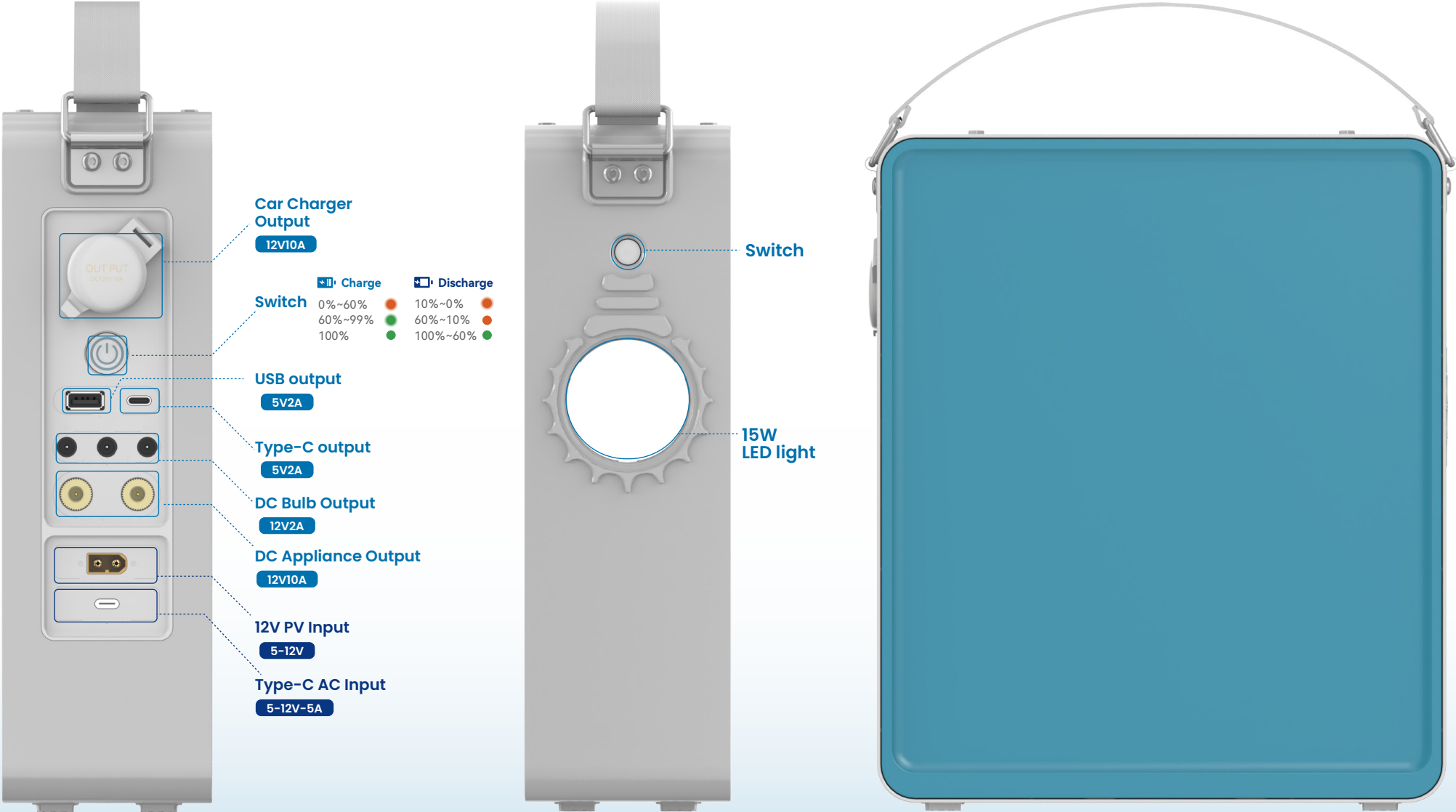


Electric Air Pump



Mosquito Killer Lamp







Design

patent design, independent R&D, future product idea.



Moveable

appropriate volume, your power bank plus, satisfy of different application scenarios.



Affordability

high cost-performance ratio, catering to different target groups.



Durability

LiFePO₄ battery, long life span, sturdy cast aluminum casing.



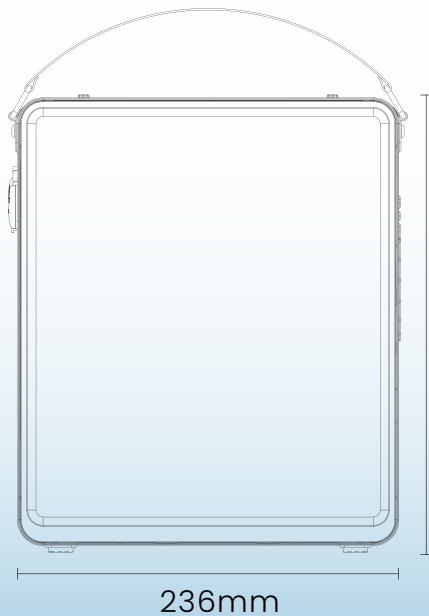
Innovation

brand new circuit technical design, innovative and high quality.



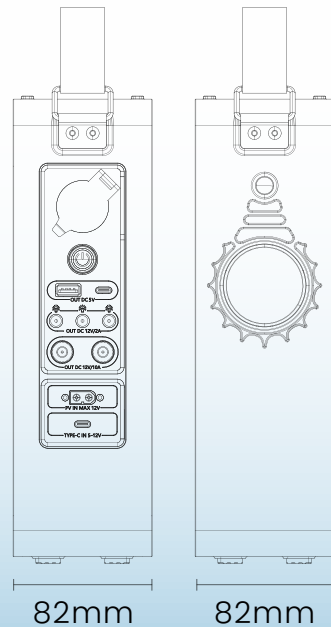
Quality

high quality raw materials, exquisite production techniques, perfect design, strict quality inspection process.



276mm

236mm



82mm

82mm

Standard

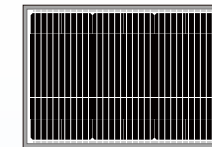


10W LED Bulb ×3

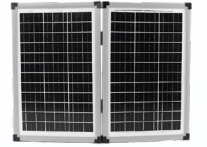
Optional Accessory



Balcony installation



Roof installation



Flexible solar panel

Choose any of the three mode options



100W Modified Sine Wave Inverter



DC Fan



PRODUCT DISPLAY

