

1000W Portable Power Generator



Product Introduction



Introduction

D1000 is the energy storage power supply that developed by Carpower. It can power supply for 110V-220V electrical equipments and quickly charge PC, mobile phone and other electronic products to guarantee the electronics are working normally.

Features

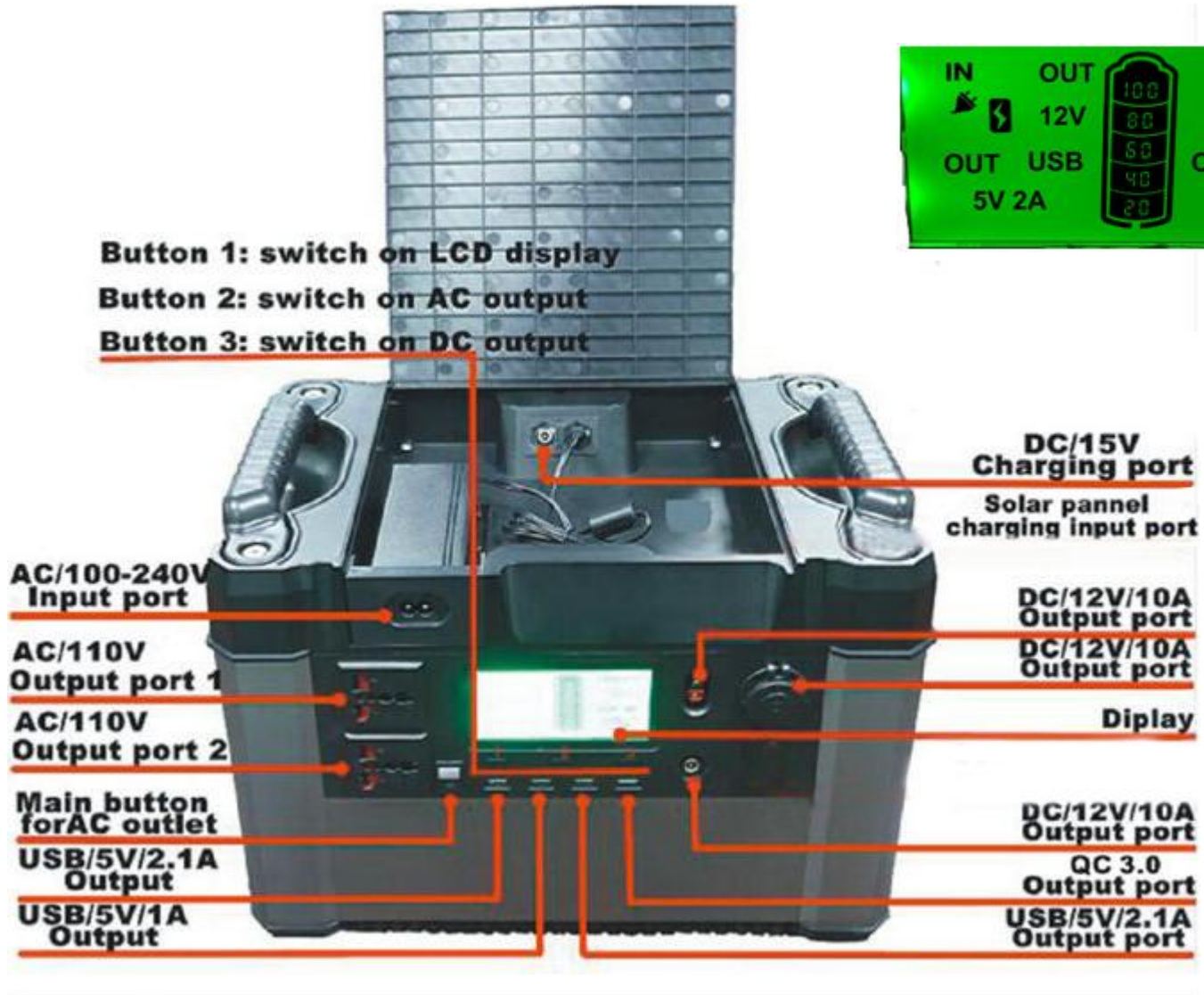
1. Provide multiple output interfaces for different load requirements ;
2. Multi-layer BMS function to protect battery for long-term use safely and reliably.
3. The maximum AC output can be up to 1000W for some huge electrical equipments.
4. Environmental-friendly product.
5. Timing memory function for output



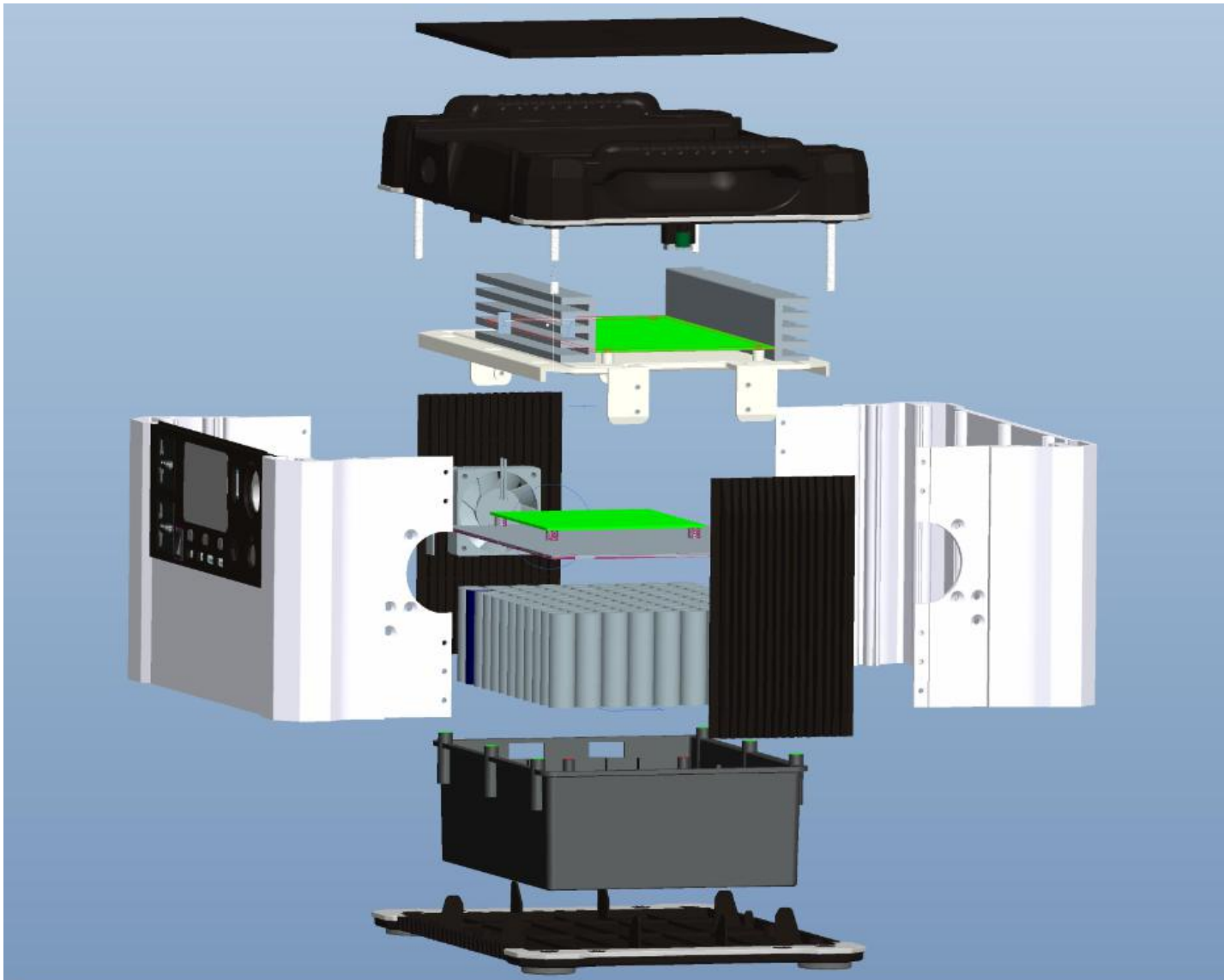
Application Scenarios

1. 110V-240V electrical equipment up to 1000W
2. Camping ;
3. Area that electricity is not stable ;
4. Natural disaster that shut down the power supply.

Product Mix 1



Product Mix 2



System Parameter

No	ITEM	General Parameter	Remark
1	Cell Number	18650 cell 2500mAh, 3.7V/2.5Ah,	
4	Typical Capacity	180000mAh/666Wh	Cell:2.5Ah
6	Standard Charge Current	5A	
8	Standard Discharge Current	10A	
9	Charge End Voltage	12.6V	Cell:4.2V
10	Discharge End Voltage	10V	Cell:3.3V
11	Operation Temperature Range	Charge Temp	
		0~45°C	
		Discharge Temp.	
		-20~+60°C	
12	Cycle Life	≥500	80% DOD
13	Weight	12.5Kg	
14	Size	37*25*25cm	L47.5*W37 *H34cm
15	Charger Specification	15V/5A	12 Hours Full charge

Electrical specification

No.	Items	Specification	Remark		
1	Input	Rated charge voltage	12V	External Charger	
		Max charge voltage	15V		
		Charge current	DC 5A		
		Solar panel	15V-23V		
2	DC output	USB output	Smart charge	DC 5.0V 2.4A×2	
			Smart charge	DC 5.0V 2.4A×1	
			Quick charge	DC 18W ×1	
		12V/10A output	Cigar lighter		
			Anderson		
			Jack output		
		Working efficiency	≥80%	At rated voltage input and rated load.	
3	AC output (Inverter)	Rated voltage	AC 110V 60Hz ×2	Pure sine wave output	
		Starting Watts	1000W		
		Max Watts	1000W	Support loads	

Application Scenarios



No	Name	Remark	Loading Time
1	Notebook	Product Capacity: 4Ah	About 11 hours
2	Camera	Product Capacity: 2.6Ah	About 17 hours
3	Mobile phone	Product Capacity: 3Ah	About 15 hours
4	Tablet	Product Capacity: 10Ah	About 4.5 hours
5	Car Refrigerator	Product Energy :50W	About 10 hours
6	Barbecue Grill	Product Energy :500W	About 1 hour
7	Fan	Product Energy : 80W	About 7 hours
8	Rice Cooker	Product Energy : 800W	About 0.7 hours