

## 1000W Portable Energy Storage System 8.2kg Ternary Lithium Battery

### Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HDG1000



### Product Specification

- Battery Type: Lithium-ion Battery
- Capacity: 1000W
- Charge Time: 6-7 Hours
- DC Output: 12V/10A
- Input: AC/DC/Solar
- LED Display: Battery Capacity/Output Wattage
- Product Name: Portable Outdoor Power Station
- Recharge Cycles: 500+
- Highlight: **Portable Energy Storage System Lithium Battery**  
, Portable Energy Storage System 8.2kg,  
1000W portable power storage

## Product Description

We usually export large quantities to foreign countries. Hope to find more trade partners.

1000W ternary lithium battery HDG1000 for mountaineering, fishing, portable emergency energy storage, outdoor mobile power supply

Product Description

1. Cigarette lighter
2. USB output
3. PV input
4. Anti collision strip
5. Wireless charger
6. LED lights
7. Air inlet with cooling fan
8. Communication output
- 9.1000W
10. Ternary lithium batteries

12. LCD display

Describe

HDG1000 is a portable energy storage power supply product that complies with American AC power standards, with a rated AC output power of 1000W, and uses 21700 ternary lithium batteries with a battery capacity of 999Wh. It is suitable for emergency household electricity, outdoor travel, hiking, fishing, and other occasions.

The rated AC output power of this product is 1000W, with two 110V AC outputs, three USB-A outputs that meet the QC3.0 standard, one USB-C output that meets the PD60 standard, two DC5525 outputs, and one cigarette lighter output. It is equipped with a built-in 5W LED lighting and SOS alarm function, and supports 10W wireless charging function.

This product supports 110V AC charging through the standard 24V/6.25A AC adapter, as well as DC photovoltaic 18V/100-200W charging and DC 12V car charger for charging the product.

General specifications

General specifications		
Rated capacity	999wh	
Weight (net weight)	≈8.2kg	
Weight (including accessories)	≈9.8kg	
Product size	319mmx192mmx193mm	
input		
Recharging input voltage	12-26V	
Recharging input power	155W Max	
AC/DC adapter	AC100-240V,DC12-26V 6.25A	
Solar charging input	12V-26V(155W Max)	
Car charger	12V===8A Max	
output		
AC output voltage	110V±10%/60Hz	
Rated output power	1000W	
Output waveform	pure sine wave	
Overload protection power supply	1100±80W	
Cigarette lighter socket output	12V===10A	Total 10A
DC55 * 2.5 output x2	12V===5A	
Wireless charger	10W	
USB output	QC3.0/18W	
C-type output	PD60W	
C-type output		
Battery standard capacity	22.2V 45Ah	
Working temperature	14 to 104 (-10 to 40 )	
Charging temperature	32 to 104 (0 to 40 )	
Storage temperature	-4 to 113 (-20 to 45 )	

Matters needing attention

1. Do not put the product into water!

2. Do not heat the product or approach a fire source! Do not disassemble or modify the product without authorization! Please do not forcefully strike the product! otherwise It may cause other hazards such as overheating, short circuit, fire, functional failure, and shortened lifespan of the battery.

3. Do not use or place this product in high temperatures (scorching sunlight or in very hot cars), otherwise it may cause electricity Pool overheating, fire or functional failure, shortened lifespan, and other hazards.

4. It is prohibited to disassemble and assemble the power supply

5. It is prohibited to short circuit the power battery

6. It is prohibited to use non dedicated chargers to charge the power supply, as it may cause danger;

7. Do not directly touch the leaking battery as the leaked electrolyte can cause skin discomfort. In case the electrolyte enters the eyes, use it as soon as possible Rinse with water, do not rub your eyes, and promptly seek medical attention;

#### Application

Equipped with a built-in BMS battery management system, it can accurately manage the status of the battery pack, prevent overcharging, aging, and discharging, and dynamically monitor the battery pack in real time, providing balanced charging and discharging management for individual batteries, thereby ensuring the safe and stable operation of the entire battery pack.

1000W high-power output, simultaneously supplying power to 18 devices, with rich interfaces, can simultaneously serve rice cookers, electric fans, and ventilators.



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