

## Smart User Friendly Portable Power Station For Easy Energy Management

### Our Product Introduction

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#### Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HD-HOME-1



#### Product Specification

- Type: STC 01/1 E0
- Capacity: 1024Wh
- Battery Type: LiFePO4
- Cycle Life: 6,000 Cycles, Remaining Capacity $\geq$ 70%
- Maximum Input Power: 1200 W
- Maximum Output Power: 800 W
- Output Voltage Range: 16-60 V
- Maximum Extended Capacity: 5120Wh
- Highlight: **Smart Portable Power Station,  
Easy Energy Management Portable Power  
Station  
, User Friendly Portable Power Station**

## Product Description

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

Our stackable energy storage system is designed to provide reliable and efficient energy storage solutions for homes and businesses. This modular system allows you to scale your energy storage capacity according to your needs, making it ideal for various applications.

### \*\*Key Features:\*\*

- **\*\*Modular Design:\*\*** Easily expand your storage capacity by stacking additional units.
- **\*\*High Efficiency:\*\*** Designed to maximize energy efficiency, ensuring minimal power loss during charging and discharging.
- **\*\*Smart Integration:\*\*** Seamlessly integrates with solar panels and other renewable energy sources, as well as traditional grid systems.
- **\*\*User-Friendly:\*\*** Simple setup and intuitive controls make it easy to manage your energy storage.
- **\*\*Safety:\*\*** Built with safety in mind, featuring advanced protection systems to ensure safe operation.

This stackable energy storage system is perfect for those looking to reduce their reliance on the grid, lower energy costs, and contribute to a more sustainable future.

General specifications:

Description	Specification	Comment
Complete Battery	Unit Type	STC 01/1 E0
	Capacity	1024Wh
	Size (L*W*H)	330*210*195 mm
	Weight	11kgs
	Battery Type	LiFePO4
	Cycle Life	6,000 cycles, Remaining Capacity≥70%
	Maximum Input Power	1200 W
	Maximum Output Power	800 W
	Output Voltage Range	16-60 V
	Maximum Battery Packs can be Connected	5
	Max Extended Capacity	5120Wh
	Protection Level	IP65
	Charging Temperature	0-45
	Discharging Temperature	-10-45
Protection	Input Over-voltage and Under-voltage, Output over-voltage and under-voltage, Output Over-current, Overload, High Temperature and Low Temperature protection	Get
Other	WiFi Module	Get
	Equilibrium Mode	Get
	Communication	CAN

### Advantages:

#### (1)兼容性 Compatibility

兼容99%的逆变器系统，匹配无需通信，功率可精准控制。  
Compatible with 99% micro inverse system, matching without communication, power can be accurately controlled.

#### (3)精准控制 Precise Control

输出特性灵活，可根据后端负载情况智能调整输出功率，提高绿电利用效率。  
The output characteristics are flexible, and the output power can be adjusted intelligently according to the back-end load, improving the utilization efficiency of green electricity.  
针对微逆系统，默认输出PV特性曲线，适配性强。  
For the micro inverse system, the default output PV characteristic curve has strong adaptability.

#### (2)智能监控 Intelligent Monitoring

具备WiFi模块APP，实现3种模式控制：  
With WiFi module APP, realize 3 modes of control:  
A.可与智能插座配合实现自动运行模式，精准锁电  
It can cooperate with smart socket to realize automatic operation mode and accurate feeding.  
B.采用时间段模式，可通过APP自定义设备锁电时间区间  
Using the time period mode, can customize the device feed time interval through the APP.  
C.可采用恒定功率模式自行控制  
Can be self-controlled by constant power mode.

Customer built is the first principle for us.

Factory Price + Senior Design and Production Team + Adequate Supply Capacity + Professional Quality Control + Punctual delivery time

Customized common questions:

Q1. What does your company do?

A: National Technology Innovation Demonstration Enterprise & National Electronic Information Industry Leading Enterprises.

Q2. Are you a manufacturer or a trading company?

A: We are a manufacturer.

Q3. How to get a quotation?

Just send emails to us, we will offer a competitive price for you.

Q4. How do you make our business long-term and good relationship?

A: We keep good quality with competitive price to ensure our customers benefit.

We respect every customer as our friend and we sincerely do business and make friend with them, no matter where they come from.



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