



## Power Your Home Anytime Anywhere with Portable Emergency Power Station 1024Wh Capacity

Our Product Introduction

### Basic Information

- Brand Name: TIANJIN TOEC HUADIAN TECHNOLOGY CO., LTD
- Model Number: HD-HOME-3



### Product Specification

- Type: STC 01/1 E0
- Capacity: 1024Wh
- Battery Type: LiFePO4
- Output Voltage Range: 16-60V
- Max Extended Capacity: 5120WH
- Charging Temperature: 0-45
- Discharging Temperature: -10-45
- Communication: CAN
- Highlight: 1024Wh Portable Emergency Power Station,  
Anytime Anywhere Portable Emergency Power Station  
, Home Portable Emergency Power Station

for more products please visit us on [outdoorpower-station.com](http://outdoorpower-station.com)

## Product Description

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

### Product Description:

The home energy storage system is similar to the micro energy storage power station, and its operation is not affected by the urban power supply pressure. At low power consumption, the battery pack in the home energy storage system can charge itself for peak or power outage use. It can also balance the power load, thereby saving household electricity bills. Stacked design to meet the needs of different customers.

### General specifications:

| Description                            | Specification   | Comment   |
|--|---|---|
| Unit Type                              | STC 01/1 E0   |   |
| Capacity                               | 1024Wh  | Single module capacity is 1024Wh                            |
| Size (L*W*H)                           | 330*210*195 mm  | Single Lithium Pack Size                                    |
| Weight                                 | 11kgs   |   |
| Battery Type                           | LiFePO4   | LiFePO4, 10 years life, 5 years warranty                    |
| Cycle Life                             | 6,000 cycles, Remaining Capacity≥70%  |   |
| Maximum Input Power                    | 1200 W  |   |
| Maximum Output Power                   | 800 W   | EU Regulations<br>2-channel MPPT, Maximum Output Power 800W |
| Output Voltage Range                   | 16-60 V   |   |
| Maximum Battery Packs can be Connected | 5   |   |
| Maximum Extended Capacity              | 5120Wh  | Up to 5 modules can be connected in parallel                |
| 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   |

### Application:



### Advantages:

- (1) Compatibility

Compatible with 99% micro inverse system, matching without communication, power can be accurately controlled.

- (2) Easy to install by yourself

Plug and play, easy to install.

- (3) Expand Capacity Flexibly

Intelligent lithium-ion modular design, stacked parallel, flexible expansion according to power consumption. A single module is 1024Wh, 5 battery packs can be parallel together to expansion to 5120Wh.

(4) Safe Use, Long Service Life

IP65 protection grade, not afraid of harsh outdoor environment.

LiFePO4 battery, 6000+ cycles, service life of more than 10 years.

Intelligent BMS control, 10 protection, safe and worry-free.

(5) 2-channel Independent MPPT

The fault of any channel does not affect the output, which improves the reliability of the product.

Ensure the maximum energy output of photovoltaic panels and do not waste solar energy resources. The problem that obstacles affect the power generation efficiency is solved. Don't have to worry about the orientation of the building, the sunlight exposure, the available space, etc.

(6) Precise Control

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.

For the micro inverse system, the default output PV characteristic curve has strong adaptability.

(7) Intelligent Monitoring

With WiFi module APP, realize 3 modes of control:

A. It can cooperate with smart socket to realize automatic operation mode and accurate feeding.

B. Using the time period mode, can customize the device feed time interval through the APP.

C. 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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