

Consumption Portable Emergency Power Station for Household Electricity Bills Saving

Our Product Introduction

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: Household Electricity Bills Saving Power Station
, Consumption Emergency Power Station

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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 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:

| Power End | Grid End | User End | Micro-grid End | Incremental Distribution End |
|-------------------------|------------------------------------|--------------------------------|----------------------------|------------------------------|
| Smooth Fluctuation | Electric Energy Storage | Intelligent Transportation V2G | Sell Electricity | Integrated Energy Service |
| Power Frequency Service | Frequency Regulation and Peak Load | UPS | Energy Service | User End Energy Storage |
| UPS, Black Start | Load Following | Home Energy Storage | Island Power Station | Ancillary Service |
| Energy Storage Sharing | Virtual Power Plant | Peak-Load Shifting | Photovoltaic Power Station | Sell Electricity |

Advantages:

(1)兼容性 Compatibility

兼容99%的微型系统，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，精准馈电
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自定义设备馈电时间区间
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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