



600W 460Wh Portable Lithium Battery Power Station For Emergency Backup

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XWELL
- Certification: UN38.3, MSDS, UL, CB, BIS, PSE, GB4943.1 safety standard, CE, FCC, ROHS, battery UN38.3, MSDS, UL, CB, BIS, PSE
- Model Number: XW-600W-01
- Minimum Order Quantity: 1 pcs
- Packaging Details: Carton
- Delivery Time: 7-10 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 5000 pcs per month



Product Specification

- Output: 600W
- Full Capacity: 460Wh
- Cycle Life: > 2000
- Charge Input: DC5521 12-24V-5A, PD 100W
- AC Output: AC220V/50Hz
- USB Output: 2 * QC3.0 MAX 18 W 12V / 1.5A ; SCP
Maximum Output Power: Maximum 22.5W
- Type-C Output: PD 100W Output
- Batteries: LiFePO4 Battery / 3400mAh
- Charging Parameters: DC 12-24V / 5A
- LCD Display: Battery Percentage And Battery Column Display
- Highlight: **460Wh Portable Lithium Battery Power Station, 600W Portable Lithium Battery Power Station, Emergency portable power station 600w**

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Product Description

600W 460Wh Portable Lithium Battery Power Station ESS Lithium Battery Solar Power System Supply Solar

This XW-600W energy storage system (ESS) is a technology that allows for the capture, storage, and subsequent release of energy for use when needed. It plays a crucial role in balancing energy supply and demand, especially in situations where renewable energy sources like solar and wind are intermittent in nature. Energy storage systems are employed in various sectors, including power grids, transportation, industrial processes, and residential applications.

Benefits of ESS battery

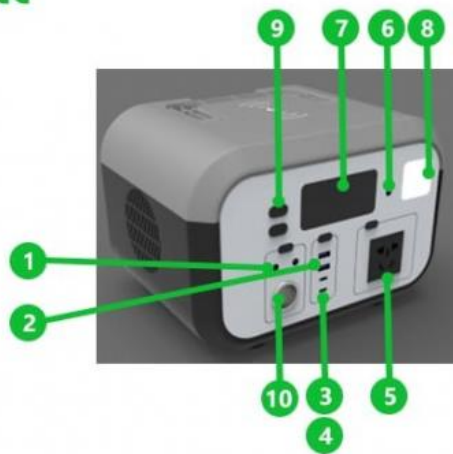
- 1. Grid Stability and Reliability:** ESS can store excess energy during periods of low demand and release it during peak demand, helping to stabilize the electricity grid and prevent blackouts or brownouts.
- 2. Renewable Energy Integration:** Since renewable sources like solar and wind are variable, ESS can store excess energy generated during sunny or windy periods and supply it when those sources are not producing.
- 3. Load Shifting:** ESS enables shifting energy consumption from peak to off-peak hours, which can lead to cost savings by utilizing cheaper electricity rates during non-peak times.
- 4. Backup Power:** ESS can provide backup power during grid outages, critical for maintaining essential services in places like hospitals, data centers, and emergency facilities.

Specification

| Category | Project | Specifications |
|-----------------------------|--|--|
| INPUT | DC input | DC5521 12-24V-5A |
| | DC input | PD 100W |
| AC OUT 220V | AC output voltage | 1 port, AC220V±5% |
| | AC output power | 600W |
| | AC output over power protection | 650W Approximately |
| | AC output waveform | pure sine wave |
| | AC output peak | 1200W Peak maintenance time <50ms |
| | frequency | 50Hz |
| USB output port | USB1 output | QC3.0 MAX 18 W 12V / 1.5A ; SCP maximum output power: maximum 22.5W |
| | USB2 output | QC3.0 MAX 18 W 12V / 1.5A ; SCP maximum output power: maximum 22.5W |
| | TYPE-C1 output | PD / QC3.0 MAX 30W 12V/2.5A |
| DC12V output | DC1 DC2 output | 12V / 10A MAX |
| TYPE-C output/input | TYPE-C2 | PD 100W output |
| Batteries | type | LiFePO4 battery / 3400mAh |
| | capacity | 23.8Ah (6S7P) |
| | power | 460Wh |
| | cycle life | 1000+ times |
| Charging parameters | | DC 12-24V / 5A |
| charging time | 5 - 6H | Charge from 0% to 100% (automatic cut-off) |
| Full voltage | 21.9V ±0.1V | The voltage when the battery is charged to the automatic cut-off |
| LCD display | Display power;charging, stop charging status | Battery percentage and battery column display |
| | DC, AC, inverter status | The display shows |
| boot static | | <10W |
| Protective function | | Short circuit, overload, over temperature, over voltage, over current, under voltage, etc. |
| over temperature protection | over temperature protection | ≥85 |
| | over temperature recovery | ≤70 |

Front panel

XWELL



1 DC12V/10A(DC5521) × 2

2 USB QC3.0 × 2

3 TYPE-C1 30W × 1

4 TYPE-C2 PD100W I/O × 1

5 AC output 220V/600W × 1

6 DC5521 12-24V/5A × 1

7 Display screen × 1

8 LED light × 1

9 Switch × 5

10 Car charger × 1

Product accessories

Product Accessories



OUTDOOR POWER SUPPLY



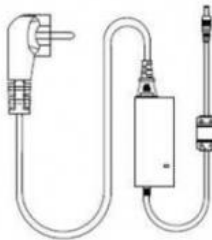
Car Cigarette Charging Cable



DC5521 to 5225



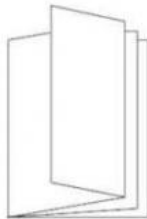
Solar Charging Cable



AC ADAPTER



TypeC CABLE



USER MANUAL
WARRANTY CARD

Usage time for common devices

USAGE TIME FOR COMMON DEVICES

| | | |
|--|---|---|
|  DESKTOP(300W) 1.5h |  TV(80W) 5.5h |  PRINTER(250W) 1.5h |
|  PROJECTOR(200W) 2h |  LAMP(10W) 46h |  LAPTOP(50W) 9h |
|  CAMERA(20W) 23 times |  CELLPHONE(10W) 48 times |  UAV(18W) 26 times |
|  FAN(50W) 9h |  CAR FRIDGE(65W) 5-10h |  SPEAKER(20W) 23h |

The use time data is for reference only.
Different equipment and use methods will lead different usage times.

Our services

1. Your inquiry related to our products price will be replied in 24 hours.
2. Experienced staffs to answer all your enquiries in fluent English
3. We make the OEM and ODM service for more than 5 years
4. Protection of your sales area, ideas of design and all your private information.
5. No matter big order or small order, we will provide all the best quality, best service.
6. If our products have any problem that we caused, they will be sent free in the next order.



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