



Compact Portable Backup Battery 3kw 5kw Portable Emergency Power Station

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Qiyuan
- Certification: CE, IEC, MSDS, UN38.3
- Model Number: QESD12-EPS
- Minimum Order Quantity: 10
- Price: USD/CNY, Unit
- Packaging Details: Carton packing
- Delivery Time: 1-2 months
- Supply Ability: 500 set per month



Product Specification

- Usage: Emergency
- Maintenance Type: Maintenance-free
- Voltage: 51.2v
- Nominal Capacity: 100AH
- Warranty: 3years
- Color: Black,Grey
- Application: Outdoor Back Up Power/Energy Storage / Electrical System
- Terminal: Cooper
- Product Name: Portable Backup Emergency Power
- Design Life: 8-10 Years
- Oem Order: Acceptable
- Highlight: **compact Portable Backup Battery ,
3kw portable emergency power station,
5kw portable emergency power station**

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Product Description

Compact integration design, convenient for movement and handling;
 Temperature, overload, over voltage, over current, short circuit protection function;
 Overload, over temperature, restart after short circuit function;
 Compatible with UPS and inverter, wide application range;
 Use lithium iron phosphate batteries, high safety performance, with UL, CE certification;
 12/24/48Vdc output;
 Battery capacity configurable;

| | | | | |
|-------------------------------------|---|----------------|--------------|-------------|
| Model | HW3K5000-220 | | HW5K5000-220 | HW5000-51.2 |
| Rated power | 3KW | | 5KW | - |
| System power parallel | - | | Yes | - |
| Grid input | | | | |
| Input voltage / no. of phases | Single phase 3 wire (L+N+PE),220/230/240VAC | | | - |
| Input voltage range | 90~300VAC | | | - |
| Input frequency range | 50/60HZ±5 | | | - |
| AC output | | | | |
| Output voltage/no. of phases | Single phase 3 wire(L+N+PE),220/230/240VAC | | | - |
| Output voltage accuracy / frequency | ±1% / 50, 60HZ | | | - |
| Output wave | Pure sine | | | - |
| Output distortion | <5%(linear load),<8% (non-linear load) | | | - |
| Overload capacity | 3min@105%~125% rated load, 10s@125%~150% rated load, 0.2S@>200% rated load, | | | - |
| PV input | | | | |
| PV charging mode | MPPT | | | - |
| PV Max power | 1500 | 4000 | - | |
| PV voltage accuracy | ±2VDC | | | - |
| PV standard/max voltage | 30~115/145VDC | 120~420/450VDC | - | |
| PV max charging current | 60A | 80A | - | |
| Battery | | | | |
| Battery type | LifePO4 | | | |
| Battery capacity | 3840WH | 5120WH | 5120WH | |
| Charging voltage | 28.8VDC | 57.6VDC | 57.6VDC | |
| Grid charging time | 3 hours | 3 hours | 2 hours | |
| Battery parallel function | Yes | Yes | Yes | |
| System | | | | |
| Efficiency | 93% | 94% | - | |
| Working temperature/humidity | -10~45℃/0~95% without condensation | | | |
| IP level | IP31 | | | |
| Display | LCD | | | LED |
| Noise | <50dB | | | 0 |
| Structure | Lever & wheels, luggage design | | | |
| Dimension mm | 520*310*660 | 520*310*660 | 520*185*560 | |



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