



48v 3KW Portable Backup Battery 100ah Emergency Power Station Lithium Battery

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Qiyuan
- Certification: CE, IEC, MSDS, UN38.3
- Model Number: QESD3K-220-48
- Minimum Order Quantity: 10
- Price: USD/CNY, Unit
- Packaging Details: Carton packing
- Delivery Time: 1 month
- Supply Ability: 1000 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: **48v Portable Backup Battery,
3KW Portable Backup Battery,
100ah emergency power station**

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Product Description

Product Features

Compact integration design, convenient for movement and handling;
 With power and battery capacity parallel function;
 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;
 Strong load capability, can be used for electric saws and other tools load;
 Has pv charging function, can be used outdoors for a long time;
 Use lithium iron phosphate batteries, high safety performance, with UL, CE certification;
 Applicable for household and outdoor, can be used as UPS power and photovoltaic inverter, switch time less than 10 ms;
 Can be used with generator, super wide voltage input range of 90 ~ 280 vac.
 Allow 48 v dc output;

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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