



240V 10KW UPS Battery System LiFePo4 Lithium Battery Uninterrupted Power Supply

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Qiyuan
- Certification: CE, IEC, MSDS, UN38.3
- Model Number: UPJ10KDD-220-48
- Minimum Order Quantity: 10
- Price: USD/CNY, Unit
- Packaging Details: wooden case
- Delivery Time: 1-2 months
- Payment Terms: L/C, T/T
- Supply Ability: 500 set per month



Product Specification

- Battery Type: LFP Battery
- Rated Power: 1-10KW
- Power Factor: 0.9
- Frequency: 45~60Hz
- Rated Voltage: 220/230/240VAC
- Voltage Range: 140~295VAC
- No. Of Phases: Single Phase 3 Wire
- Efficiency: >96%
- Battery Voltage: 38.4-51.2VDC
- Life Cycle: 3000 Times
- Installation: Rack/tower
- Application: UPS System, Back Up Power
- OEM/customization: Acceptable
- Highlight: **Uninterrupted home ups system,
10KW UPS Battery System,
240V home ups system**

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Product Description

Product Features

Output power factor as high as 0.9, load ability;

Efficiency above 95%, reducing energy consumption;

Use DSP digital control technology, pure sine wave power supply is stable and reliable;

Use high stability of the lithium iron phosphate batteries, safe and reliable;

Lithium battery management solutions for special purpose, with triple loop over voltage protection, preset temperature, pressure switch interface;

Wide working temperature range, the discharge temperature range can reach to -20 °C to 50 °C;

90 ~ 300 v ultra-wide input voltage and 40 ~ 70 hz frequency, wide frequency can be set for generator application;

Charger current range 3 ~ 12A adjustable;

Intelligent configuration, supports output for transformer voltage compensation;

RS485, RS232, SNMP communication function;

Capacity	6kVA/6kW	6kVA/6kW	10kVA/10kW	10kVA/10kW	15kVA/15kW	20kVA/20kW
Phase	Single phase in , Single phase out					
Input voltage range	110Vac~288Vac					
	100% load@ > 176Vac; 90% load@ > 160Vac 80% load@ > 140Vac; 60% load@ > 110Vac					
Input THDi	≤4%@100% load; ≤6%@50% load (linear load)					
Input PF	≥0.99					
Input frequency range	40Hz-70Hz					
Output PF	1					
Output voltage	220V/230V/240V					
Voltage regulation	±1%					
THDu	≤2%(linear) ; ≤5% (non-linear)				≤1%(linear) ; ≤3% (non-linear)	
Battery voltage	192Vdc					
Battery type/number	12V,7Ah*16	External	12V,9Ah*16	External	External	
System efficiency	Normal mode: 95%					
Noise(1 meter away)	<48dB@<70%load; <58dB@>70%load				<50dB@<70%load; <58dB@>70%load	
Overload capability (Inverter mode)	110%.for 10 min ;125%.for 1min ; 150%.for 30 sec					
Overload capability (Battery mode)	110%: shut down after 1 min; 130%:shut down after 10 sec; >130%: shut down after 200 ms					
Crest factor	3:1					
Display	LED+LCD					
Interface	Standard:RS232 Optional: SNMP, USB, RS485,Dry Contacts,Parallel Kit					
W*D*H (mm)	190*426*705	190*426*336	190*485*705	190*485*336	190*485*480	



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