



240V 2KW UPS Battery Backup Server 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: UPJ2KDD-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
- Efficiency: >96%
- Life Cycle: 3000 Times
- No. Of Phases: Single Phase 3 Wire
- Installation: Rack/tower
- Application: UPS System, Back Up Power
- OEM/customization: Acceptable
- Highlight: **240v ups battery backup server,
2KW ups battery backup server,
Uninterrupted ups battery for system**

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Product Description

Product Features

Zero switching time, and ensure load using continuous electricity;
 Output power factor as high as 0.9, load ability;
 Efficiency above 95%, reducing energy consumption;
 Use DSP digital control technology, provide sine wave power supply is stable and reliable;
 Use high stability of the lithium iron phosphate batteries, passed the CE, UL certification, 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 (optional);

| Model | UPJ1KDD-220-36 | UPJ2KDD-220-48 | UPJ3KDD-220-48 | UPJ6KDD-220-48 | UPJ10KDD-220-192 |
|---------------------------------------|---|----------------|----------------|--------------------|------------------|
| Power KVA/KW | 1/0.9 | 2/1.8 | 3/2.7 | 6/5.4 | 10/9 |
| Input | | | | | |
| Rated voltage | 220/230/240VAC(configurable) | | | | |
| Voltage range | 140~295±5VAC(100%),90~140VAC (50%) | | | | |
| Frequency | 45~60HZ | | | | |
| Power factor | 0.99 | | | | |
| Standard current | 4A | 9A | 13A | 27A | 45A |
| Harmony wave distortion | ≤6% | | | ≤5% | |
| Output | | | | | |
| No of phases | Single phase 3 wire L+N+PE | | | | |
| Rated voltage | 220/230/240VAC(configurable) | | | | |
| Voltage accuracy | ±1% | | | | |
| Output frequency accuracy | Grid input mode:Sync with bypass input ; Battery mode:50/60Hz±1% | | | | |
| Output power factor | 0.9 | | | | |
| Total voltage harmony wave distortion | Linear load<3%,non-linear load<5% | | | | |
| Load peak ratio | 3:1 | | | | |
| Overload capacity: Grid input | Continuous <110%,110~130% for 1min,130~150% for 10S, 150% and above for 200ms | | | | |
| Overload capacity: battery | Continuous <105%,105~130% for 1min,130~150% for 3S, 150% and above for 200ms | | | | |
| System | | | | | |
| System efficiency | Online>90%,ECO>94% | | | Online>92%,ECO>96% | |
| Replace time | 0ms | | | | |
| Communication | RS232(standard),optional:USB, SMNP, RS485, dry contact | | | | |
| Display | LCD | | | | |
| Battery | | | | | |
| DC voltage | 36 | 48 | 48 | 48 | 192 |
| Battery (LFP) | 38.4V6AH | 51.2V12AH | 51.2V18AH | 51.2V30Ah | - |
| Battery structure | Rack/tower | | | Tower | - |
| Continuous charging current | 4~8A | | 10~40A | | 4~12A |
| Rack size | 482*320*86 | 482*430*86 | 480*450*132 | 480*450*86 | 482*420*86 |
| Tower size | 300*145*232 | 380*190*232 | 412*190*220 | 460*190*310 | - |
| Work/test temperature | -10~45°C/-25~55°C | | | | |
| Noise | <50dB | | | | |



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