



Double conversion on line UPS -Transformer type

Product Introduction

Jp5520 1KVA-20KVA series is yet another solution for applications that require the best protection available. This feature-rich, three phase UPS has been designed to support hard loads for data center, large telephone systems and other mission critical applications. It adopts advanced power factor correction and superior performance of SPWM inverter control technology, which provided reliable performance and high availability through a proven on-line, double conversion transformer build-in design.

Application

- Enterprise and factory equipment center
- AC power supply of precise instrument
- Network, Communication system, AC powersupply in automatic control system
- Suitable for industrial control systems, industrial automation, intelligent precision equipment and manufacturing process

Key Feature

- **Efficiency and Reliable**
 - Double DSP full digital control and high precision, faster operation
 - Standard output isolation transformer, with low frequency design, have more ability to resist impact load and protection for short circuit.
 - Meet the national standards of EMC, reduce and avoid all kinds of interference, ensure the pure power.
- **Intelligent Management**
 - SNMP/MODBUS/DRY CONTACT/USB and other communication mode are optional
 - With function of self-diagnosis when power on, find and prevent fault in time
 - Can alarm from Mobile APP, WeChat remote management, SMS and others.
- **Flexible and easy to use**
 - LCD display, friendly human-computer interface, real-time monitoring, convenience to operate
 - Support up to 8pcs in parallel, different capacity UPS in parallel, can share the battery pack, has strong flexibility
 - Perfect network monitor program, with feature of real-time monitor and self diagnosis, intelligent inquiry, auto-alarm and auto-record

Specification

Model	JP5520 1K S/L	JP5520 2K S/L	JP5520 3K S/L	JP5520 4K S/L	JP5520 6K S/L	JP5520 10K S/L	JP5520 15KL	JP5520 20KL	
Capacity	1KVA	2KVA	3KVA	4KVA	6KVA	10KVA	15KVA	20KVA	
INPUT									
Input voltage(Vac)	165~275								
Frequency(HZ)	45~66 Automatically select synchronization range according to grid frequency								
Phase	Single phase three wires								
Battery voltage(VDC)	48	96	96 or 192	192					
Charge Current	2.5A/5A				5A		10A		
Battery type	4*7Ah 12V/ External	8*7Ah 12V/ External	8*7Ah 12V/ External 16*7Ah 12V/ External	16*7Ah 12V/External		16*9Ah 12V/ External			
OUTPUT									
Power factor	0.8/0.9 (optional)								
Voltage(V)	220±1%								
Frequency(HZ)	50/60±0.5%(Free oscillation)								
Transfer Time(ms)	0								
Waveform	Sine Wave, THD<3%								
Overload Capacity	110%~129% full load keep 10min; 130%~150% load keep 60s;								
Crest Factor	>3:1								
OTHER									
Backup time	Standard time is 10min/ Long backup time can be extended freely								
Charge recovery time	<10hours								
Efficiency	>92%				>90%				
Communication	RS232 connector, support for monitor software								
SNMP(optional)	Can be network monitored by SNMP adapter								
Display	LED display work status and fault indicator; LCD display single phase input voltage, input frequency, single phase output voltage, load, battery voltage etc								
Noise (dB)	<58(1meter)								
Alarm	Battery low-voltage, mains abnormal, overload, UPS fault, over temperature protection								
Protection	Input over-voltage protection, battery under voltage protection, overload protection, short circuit protection, over temperature protection								
Working temperature(°C)	0~40								
Humidity	0~95%, No Condensing								
Size(D×W×H) (mm)	590*230*750(S)/590*230*540(L)					596*305*1050(S)/ 596*305*890(L)	596*305*890	700*405*955	
Weight(KG)	80/50	99/60	107/52	113/58	115/60	171/116	127	195	

Note:

- 1、"L" is long backup UPS, "S" is standard UPS;
- 2、Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.