



Three phase double conversion on line UPS

Product Introduction

JP9960 10KVA-80KVA series is yet another solution for applications that require the best protection available. This feature-rich, three phase UPS has been designed to support large 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-free design.

Application

- Data Centers
- Computer Networks
- Industrial Process Manufacturing
- Hospitals/Medical
- Education/Research
- Laboratories, Bio-Tech
- Pharmaceuticals/Chemical
- Critical Power Management Requirements

Key Feature

Efficiency and Reliable

- Super wide input voltage, reduce the number of battery discharge effectively, extend the battery life
- On-line double conversion technology, provide stable and reliable power supply to users
- Adopt advanced PFC control technology, increase the rate of energy utilization effectively, reduce the harmonic pollution, reduce the load of power grid.
- Alarm before Bus capacitance, fans, battery and key components failure in advance
- 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
- Support for delay power off, shut down the computer application system and operate system with safety timely
- With function of self-diagnosis when power on, find and prevent fault in time
- Can alarm from Mobile APP, Hatcheck remote management, SMS and others.

Flexible and easy to use

- LCD display, friendly human-computer interface, real-time monitoring, convenient to operate
- Adaptive parallel technology, can support up to 8pcs in parallel
- Perfect network monitor program, with feature of real-time monitor and self diagnosis, intelligent inquiry, auto-alarm and auto-record

Specification

Series	JP9960							
Model	10K S/L	15K S/L	20K S/L	30K S/L	40K S/L	60K	80K	
Capacity	10KVA/9KW	15KVA/13.5KW	20KVA/18KW	30KVA/27KW	40KVA/36KW	60KVA/54KW	80KVA/72KW	
INPUT								
Input voltage(Vac)	380(-45%~+25%)							
Bypass voltage(V)	+15%(+20% optional)/-25%							
Frequency(HZ)	40—70Hz Automatically select synchronization range according to grid frequency							
Phase	3φ4W+PE							
Power Factor	≥0.99							
Battery voltage(VDC)	240			±192				
Description on Charger(A)	1A/4A		2A/4.5A	2.5A/4.5A				
Quantity of battery (PCs)	18-20 can be adjusted			28-32 can be adjusted				
Battery type	20*7Ah 12V /External	20*9Ah 12V /External	32*9Ah 12V/External					
OUTPUT								
Power factor	0.9							
Voltage(V)	380±1%(400±1%、415±1% are optional)							
Frequency(HZ)	Mains normal, Same as input; Mains abnormal, 50 ±0.2%							
Transfer Time(ms)	0							
Double conversion mode efficiency	> 90%		> 93%			>95%		
ECO Mode	> 98%		> 98%			>99%		
N+X in parallel	3pcs			8pcs				
Waveform	Linear Load THD<3%; Non Linear Load THD<5%							
Overload capacity	130% full load keep 1min, 150% full load keep 10s							
Crest factor	>3:1							
OTHERS								
Manual maintenance bypass	with no transfer time bypass maintenance switch							
Communication	Provide dry contact communication and RS232/RS485, reach the intelligent monitor of UPS by optional SNMP							
Display	General LCD			General LCD/5.7 inches touchable LCD				
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							
Cooling way	Forced cooling							
Working Temperature(°C)	0~40							
Humidity	0~95%, no condensing							
EMC	GB7260.2							
Size(W×D×H) (mm)	250*592*826/ 250*592*576	250*592*826/ 250*592*576	420*643*956	470*710*1150			600*810*1830	
Weight(KG)	109/38	145/56	183/82	222/110	226/114	282	306	

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.