



Three phase double conversion on line UPS-Transformer type

Product Introduction

JP9950 10KVA-400KVA series is yet another solution for applications that require the best protection available. This feature-rich , three phase UPS has been designed to support lard 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

- 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	JP9950								
MODEL	10K	15K	20K	30K	40K	60K	80K	100K	120K
Capacity	10KVA / 9KW	15KVA / 13.5KW	20KVA / 18KW	30KVA / 27KW	40KVA / 36KW	60KVA / 54KW	80KVA / 72KW	100KVA / 90KW	120KVA / 108KW
INPUT									
Input voltage(Vac)	380±25%								
Frequency(Hz)	40-70Hz Automatically select synchronization range according to grid frequency								
Bypass synchronous range (Hz)	50±5%(±10% for optional)								
Phase	3φ4W+PE								
Battery voltage(VDC)	384								
Battery Quantity (PCS)	30-34 can be set								
OUTPUT									
Power factor	0.9								
Voltage(V)	L-N : 220±1% L-L:380±1%								
100% three-phase load unbalanced voltage stability	≤2% · allow 100% unbalanced								
Frequency(HZ)	Mains normal, same as mains frequency; Mains abnormal, 50±0.2%								
Transfer Time (ms)	0								
Parallel operation mode(parallel)	8sets in parallel								
Waveform	Linear Load THD<3%; Non-linear Load THD<5%								
Overload capacity	125% full load keep 10min; 150% full load keep 1min;								
Crest Factor	>3:1								
OTHERS									
Manual maintenance bypass	with no transfer time bypass maintenance switch								
Communication function	RS232 / RS485 interface, support for power monitor software								
Display	General LCD				General LCD/7 inches touchable LCD				
Noise (dB)	<65(1m)								
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(D×W×H) (mm)	730*380*1320			730*555*1210		740*810*1410		745*1420*1810	
Weight(KG)	160	180	220	240	320	440	520	820	940

Note:

1, Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.

Specification

SERIES	JP9950								
MODEL	JP9950 60K	JP9950 80K	JP9950 100K	JP9950 120K	JP9950 160K	JP9950 200K	JP9950 250K	JP9950 300K	JP9950 400K
CAPACITY	60KVA/ 54KW	80KVA/ 72KW	100KVA/ 90KW	120KVA/ 108KW	160KVA/ 144KW	200KVA / 180KW	250KVA / 225KW	300KVA / 270KW	400KVA / 360KW
INPUT									
Pulse rectifier	6				6/12				
Voltage range(Vac)	380/400/415VAC+/-15%(+/-25%)								
Frequency range(HZ)	40—70Hz Automatically select synchronization range according to grid frequency								
Bypass synchronous range (Hz)	50+/-5%(+/-10% for optional)								
Phase	3φ4W+PE								
Battery voltage(VDC)	384								
Battery Quantity(PCS)	30-34 can be adjusted								
OUTPUT									
Power Factor	0.9								
Voltage(V)	L—N: 220+/-1% L—L: 380+/-1%								
100% three-phase load unbalanced voltage stability	<=2%, allow 100 % unbalanced								
Frequency(HZ)	Mains normal, track mains frequency; Mains abnormal, 50+/- 0.2%								
Transfer time(ms)	0								
Waveform	Linear Load THD<3%; Non-linear Load THD<5%								
Overload	125% load keep 10 min, 150% load keep 1min								
Peak Factor	>3:1								
OTHERS									
Manual maintenance bypass	with no transfer time bypass maintenance switch								
Communication function	14 contact signal for selecting,output 12Vdc 80mA ,RS232 / RS485 interface, SNMP can be chosen for assembly to achieve UPS intelligent supervisory control.								
Display	7 inches touchable LCD								
Noise (dB)	<65(1m)								
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(D×W×H) (mm)	800*800*1600			1100*800*1800			1405*1113*2005		1605*1113*2005
Weight(T)	0.48	0.56	0.89	1.08	1.28	1.38	1.68	1.98	2.48

Note:

Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.