



JP5530 series double conversion on line UPS

Jalpower JP5530 double conversion on line UPS systems provide true on line production in the smallest cabinets in their capacity range. Double conversion technology continually converts incoming AC power into filtered DC power. Constant on line operation completely isolates sensitive equipment. The convertible tower/rack design offers maximum flexibility , enabling UPS integration into wide variety of environments. The JP5530 is an idea power protection solution for servers , networks , Telecommunications , industry equipments and manufacturing processes.

Product Feature

- Double Conversion**
 The UPS provided clean AC power with voltage and frequency independent from the utility. On-Line technology completely regenerates utility power to correct electrical disturbances in the mains.
- Emergency Shutdown Control**
 Through EPO allows users to shut down the UPS completely in an emergency situation to ensure a safe operating environment.
- Smart Fan Control**
 The UPS forced air cooling by internally mounted fans with speed control that is based on load percentage.
- Smart Digital Signal Processor**
 The JP7745 full-time DSP control system provides a pure sine wave by using patented inverter control technology with power scalability capability.
- High Input Power Factor and low THD**
 The JP7745 meets today's industry standard for energy savings and low reflected harmonics and THD(<5%)
- Communication option slot**
 Accessory slot accepts an optional internal SNMP/Web card for remote shutdowns, reboots and much more. Use card with optional environmental conditions or to control alarm/security systems.
- Extended Runtime Capability**
 All models feature a robust internal battery capability. Additional internal batteries can be added to provide extended runtime. If more runtime is required , an optional battery compartment can be added and configured with additional batteries.
- Communication software.**
 In the event of an extended power outage , Jalpower communication software implements graceful unattended shutdown to ensure that no information is lost and recovery time is minimized.
- State-of-the-art LCD display**
 An State-of-the-art LCD display designed let you access more precise information that provided by LEDs alone. It indicates a variety of UPS operational modes and conditions , allowing you to react more rapidly to an alert before your systems are put at risk.
- Compatibility with Generators**
 Jalpower JP5530 series UPS is able to compatible with most of Generators which provided best cost saving solution if you would like to keep providing power output without lots of batteries.
- DC start Capability**
 Enables to turn on UPS without connecting to power utility.
- Smart Battery management**
 Our smart battery management feature prevent deep discharge battery during light loading.
- Large charging current**
 Large charging current provide faster charging capabilities and provide enough charging current while connect to external battery compartments.
- USB communication interface**
 Build-in communication port provide shutdown commands and reporting to a PC or workstation. By using Jalpower monitoring software to automatically save open files and shutdown equipment during an extended blackout.

Specification

MODEL	JP5530					
	1K (S/L)	2K (S/L)	3K (S/L)	RM1K S/L	RM2K S/L	RM3K S/L
Capacity	1KVA/1KW	2KVA/2KW	3KVA/3KW	1KVA/1KW	2KVA/2KW	3KVA/3KW
INPUT						
Voltage(Vac)	120VAC~300VAC					
Frequency(HZ)	45~66 Automatically select synchronization range according to grid frequency					
Phase	Single phase three wires					
Power Factor	Full load >= 0.98					
Battery voltage (V dc)	24/36	72/72	72/96	24/36	72/72	72/96
Description on Charger(A)	1A/4A					
Battery type	2*7Ah 12V / External	6*7Ah 12V / External	6*7Ah 12V / External	2*7Ah / External	6*7Ah / External	6*7Ah / External
OUTPUT						
Power factor	1					
Voltage(V)	208/220/230/240V +/- 1%					
Frequency(HZ)	50/60 +/- 0.05%(battery mode)					
Transfer Time (ms)	0					
Waveform	Sine wave , Linear Load THD<3%; Non-linear Load THD<5%					
Overload	105%~129% full load keep 60s; 130%~150% load keep 30s; Above 150% load keep 300ms					
Crest Factor	>3:1					
OTHERS						
DC start	Yes					
Backup time	Normally 5min/Long time need to depend on demands					
Communication function	RS232 connector, support for monitor software (USB Port optional)					
SNMP (optional)	Can be network monitored by SNMP adapter					
Display	LED display UPS work status, LCD display UPS work parameters					
Noise (dB)	<45			<50(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%, Non condensing					
UPS Size(D×W×H) (mm)	355*145*226	402*190*326		400*440*88(2U)		
Weight(KG)	12/10	26/19	27/20	14 / 7.8	32 / 9.6	33 / 10
Battery Pack Size(D×W×H) (mm)	400*440*88(2U)					

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.

Specification

Model	JP5530							
	6K S/L	10K S/L	15KL	20KL	RM6K S/L	RM10K S/L	RM15KL	RM 20KL
Capacity	6KVA/5.4KW	10KVA/9KW	15KVA/13.5KW	20KVA/18KW	6KVA/5.4KW	10KVA/9KW	15KVA/13.5KW	20KVA/18KW
INPUT								
Voltage(Vac)	120V~288V							
Bypass voltage(Vac)	180V~260V							
Frequency(HZ)	45~66 Automatically select synchronization range according to power frequency							
Phase	Single phase three wires							
Power Factor	Full load >=0.98							
Battery voltage(VDC)	192							
Description on Charger(A)	2A/4A	2A/4A	4A		2A/4A	2A/4A		4A
Battery type	16*7Ah / External		External		16*7Ah / External	16*7Ah / External		External
OUTPUT								
Power factor	0.9							
Voltage(V)	200/208/220/230/240V +/- 1%							
Frequency(HZ)	50/60 +/- 0.05% (battery mode)							
Transfer time(ms)	0							
Efficiency	>=93%							
Waveform	Sine wave , Linear Load THD<3% ; Non-linear Load THD<5%							
Overload	105%~129% full load keep 60s; 130%~150% load keep 30s; Above 150% load keep 300ms							
Crest factor	>3:1							
OTHERS								
DC start	Yes							
Backup time	Long backup time, can be extended freely							
Charge recovery time	Determined by the extended battery capacity							
Communication function	RS232 connector, support for monitor software. USB port (optional)							
SNMP(optional)	Can be network monitored by SNMP adapter							
Display	LED display UPS work status, LCD display UPS work parameters				LED display UPS work status, LCD display UPS work parameters			
Noise (dB)	<58(1meters)				<50(1meter)		<55(1meter)	
Parallel function	Need to assemble parallel card							
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%, Non condensing							
Size(D×W×H) (mm)	500*240*616(S) / 500*248*460(L)		500*248*616		612*447*130(3U)		660*440*260(6U)	
Weight(KG)	52/21	58/25	36	39	55 /19	57 / 21	37	39

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