

JK Series

Industrial-grade intelligence 3-phase in 3-phase out Online UPS

10 - 300kVA



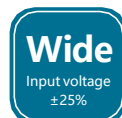
CP120kVA: 3-phase in 3-phase out Online UPS

Induction:

The JK series is a dual -transforming online UPS, with a capacity from 10kva ~ 400kva; it is designed according to high -standard industrial -grade, and the internal electrical connection uses copperstrip conductivity and the copper column second fixed process is used. It can resist 20000volt high voltage. It has a clear internal line, reasonable structure, good heat dissipation layout, and has multiple detection and protection functions.

Main feature:

- True online double conversion;
- Wide AC input range;
- Dual DIP control technology;
- The sixth generation IGBT device & advanced SVPWM technology;
- Three -phase division, balanced stabilization;
- With battery self-inspection function;
- Advanced redundant parallel function(option);
- Multiple and complete protection functions;
- Reliable loading capacity;
- Industrialized design for Various scenarios
- 7 -inch touch screen+ LED display, more intuitive and clear;
- RS232/RS485/RJ45/SNMP interface(option).



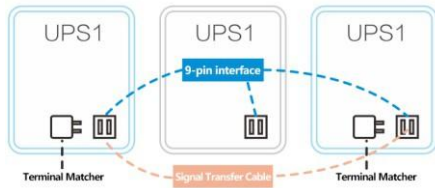
- Dual DSP digital control technology, to make UPS control accuracy and stability, the entire power system is more reliable.



- The internal electrical connection is conductive with copper strips, which is suitable for various impact loads, especially industrial equipment.



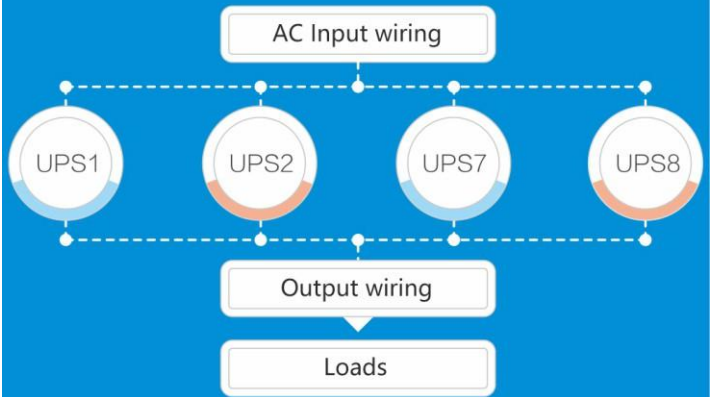
- **Ring reliable parallel shielded communication cable:** It forms a closed loop between the single machine, which provides a reliable guarantee for the signal communication of the parallel system.



- **7-inch LCD+LED touch screen:**



Schematic connection diagram:



UPS Appearance:

10kVA-60kVA :



60kVA-120kVA:



120kVA-300kVA:



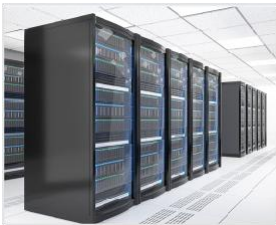
Technical Parameters:

Model		10kVA	15kVA	20kVA	30kVA	40kVA	60kVA	80kVA	100kVA	120kVA	160kVA	200kVA	250kVA	300kVA
Rated Power (KW)		8KW	12KW	16KW	24KW	32KW	48KW	64KW	80KW	96KW	128KW	160KW	20KW	240KW
Input	Input range	380V/400V/415VAC±30%												
	Input frequency range	50Hz/60Hz±5%(±10% optional)												
	Input power factor	≥0.95												
Output	Output voltage accuracy	380V/400V/415VAC±1%												
	Output frequency	AC mode is 50/60Hz±1Hz; battery mode is 50/60Hz±0.1Hz												
	Voltage phase deviation	120°±1°												
	Unbalance load current of parallel unit	≤5%												
	Voltage unbalance	Balanced load < 1%; 50% Unbalanced load < 3%; 100% Unbalanced load < 5%												
	Waveform distortion	Pure sine wave, resistive load ≤2%; non-linear load ≤3%												
	Overload capacity	125% 10 minutes; 150% 60s												
	Current peak ratio	5:1												
	Battery	Rated DC voltage	384VDC (±24V adjustable)											
Battery type		2V/6V/12V Maintenance-free lead acid battery												
Battery number		32PCS/12V (30-34PCS ADJUSTABLE)												
Charging current		According to user's need												
System		Switch time	AC mains↔Battery: 0 ms; Invert ↔ Bypass: < 2 ms											
	IP class	IP20												
	Efficiency	≥90% (full load) , ≥97% (ECO mode)												
	Noise	< 55dB(1 meter)					< 58dB(1 meter)					< 63dB(1 meter)		
Environment	Operating temperature	0°C ~ 45°C												
	Relative humidity	0 ~ 95%, non-condensing												
	Altitude	≤4000 meter												

Application scenarios:



•Office Computer



•Important Server



•Terminal Equipment



•Factory Equipment



•Medical Equipment



•Aviation Equipment



•Precision Instrument



•Monitoring Equipment



•Chemical Equipment

Production Process:

