



CP Series

Low Frequency Double Conversion Online UPS

2 - 40kVA: 1-phase in & 1-phase out



CP2-40kVA: 1-phase in & 1-phase out Low Frequency Online UPS

Induction:

- Full digital control with dual-core DSP;
- Silent design, high-standard industrial-grade design;
- With sixth-generation IGBT module technology;
- With static switch technology;
- With comprehensive detection and protection;
- With reasonable structure & good heat dissipation

Main feature:

- Dual conversion online UPS;
- 0ms online conversion time;
- Stable pure sine wave output;
- Strong load capacity with output isolation transformer;
- Smart charging, suitable for various batteries;
- With Sixth generation IGBT module & advanced SPWM technology;
- Display with LCD+LED, intuitive and clear;
- RS232/RS485/RJ45/SNMP interface(option)
- Multiple and complete protection functions;
- Adapt to harsh electrical environments.



Pure Sine Wave



MIC Control



Efficient & stable

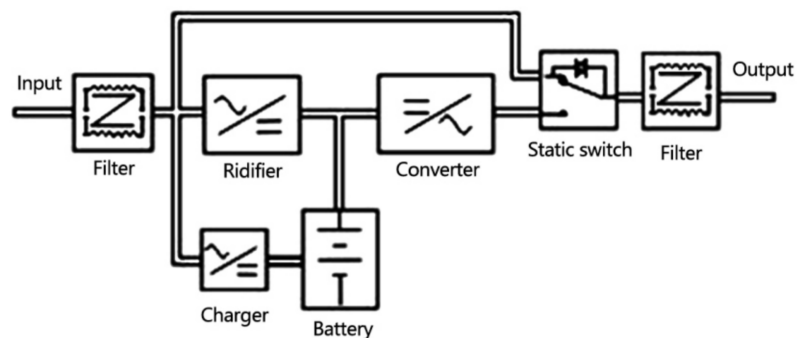


Applicability

UPS Appearance:

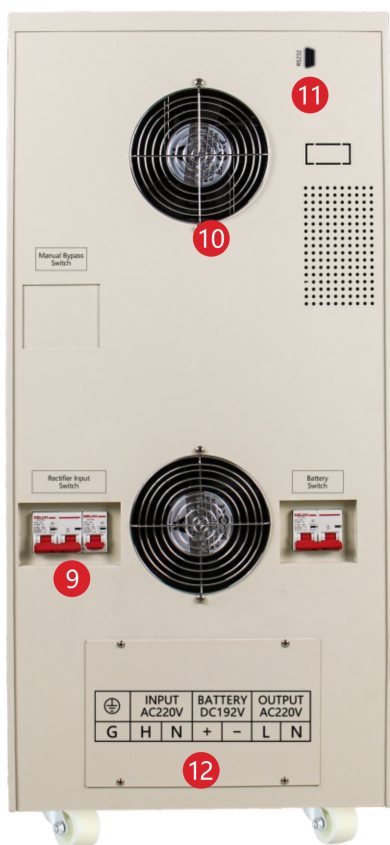
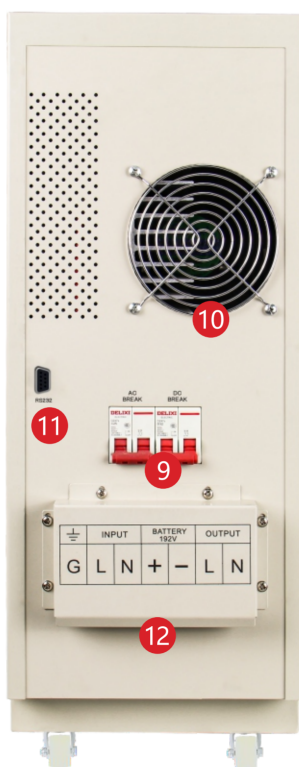


Working principle structure diagram:





- 1 Input indicator light
- 2 Bypass indicator light
- 3 Output indicator light
- 4 Battery indicator light
- 5 Overload indicator light
- 6 Fault indicator light
- 7 Page Button
- 8 LCD display screen



- 9 DC/AC Circuit breaker switch
- 10 Cooling fan
- 11 RS232 interface
- 12 DC/AC connection terminals



Technical Parameters:

Model		2kVA	3kVA	4kVA	6kVA	8kVA	10kVA	12kVA	15kVA	20kVA	30kVA	40kVA
Rated Power (KW)		1.6KW	2.4KW	3.2KW	4.8KW	6.4KW	8KW	9.6KW	12KW	16KW	24KW	32KW
Input	Input range	220V±30% 110VAC±30%										
	Input frequency range	50Hz/60Hz±5%(±10% optional)										
	Input power factor	≥0.9										
Output	Output voltage	220V/110AC±1%										
	Output frequency	AC mode is 50/60Hz±1Hz; battery mode is 50/60Hz±0.1Hz										
	Voltage phase deviation	Pure sine wave, resistive load ≤2.5%; non-linear load≤3%										
	Overload capacity	125% 10 minutes; 150% 60s										
	Current peak ratio	5:1										
Battery	Rated DC voltage	96/192VDC(15~18pcs battery customizable)										
	Battery type	2V/6V/12V Maintenance-free lead acid battery										
	Battery number	8/16pcs*/12V										
	Charging current	1-10A (default 4A)										
System	Switch time	AC mains↔Battery: 0 ms; Invert ↔ Bypass: <2 ms										
	IP class	IP20										
	Efficiency	≥85% (full load)										
	Noise	<50dB(1 meter)										
Environment	Operating temperature	0°C ~45°C										
	Relative humidity	0~95%, non-condensing										
	Altitude	≤1500m										

Application scenarios:



•Office Computer



•Important Server



•Terminal Equipment



•Factory Equipment



•Medical Equipment



•Aviation Equipment



•Precision Instrument



•Monitoring Equipment



•Chemical Equipment