



Online high frequency UPS

- Self-load test function
- 32 bit high speed digital signal processing DSP
- 30-44 pcs adjustable battery configuration
- Optional output isolation transformer



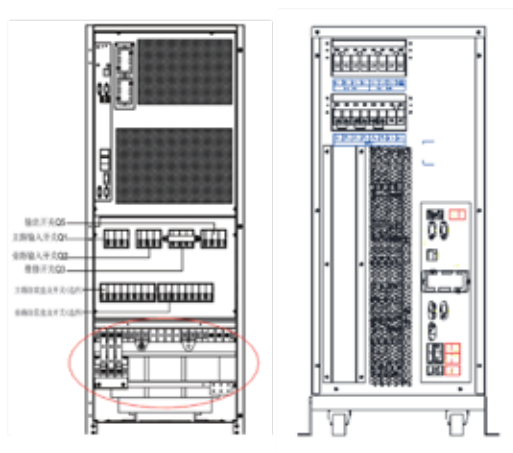
UPS (10KVA - 200KVA)

■ Power Range

3 phase in, 1 phase out,
10kVA-200kVA

■ Application Field

Computers, data centers, network device,telecommunication, precision instrument.



■ Performance characteristics

Advanced Technology

- Wide input voltage
- 50/60Hz auto sensing
- Input power factor correction
- 32 bit high speed digital signal processing DSP
- Self-load test function without loads
- N+X parallel function


Outstanding Flexibility

- Adjustable battery numbers: 30-44 units
- Generator compatible
- Comprehensive display allows easy monitoring
- Cold start function
- Output isolation transformer as option

Green Performance

- ECO mode for energy saving
- Input PF ≥ 0.99 @100% load

Performance

Model												
Capacity	10kVA	20kVA	30kVA	40kVA	50kVA	60kVA	80kVA	100kVA	120kVA	160kVA	200kVA	
Input												
Rated Voltage	380Vac (3 phase+N)											
Voltage Range	304Vac~478Vac (line voltage) full load; 304Vac~228Vac (line voltage) load derated linearly from100% to 80%											
Frequency Range	40Hz ~ 70 Hz											
Power Factor	≥ 0.99@100% load; ≥ 0.98@50% load											
THD	THDi < 3% (100% linear load) ; THDi < 5% (100%nonlinear load)											
Inverter Output												
Output Voltage	220/230/240Vac(phase+N)											
Voltage Accuracy	±1%@balanced load; ±5%@unbalanced											
Voltage Waveform Distortion	THDus2% (100% linear load) ; THDus4% (nonlinear load)											
Power Factor	0.9 (1 optional)											
Frequency Range (Synchronizing Range)	±2Hz (settable); ±0.5Hz、±1Hz、±3Hz (settable)											
Frequency Range (Battery Mode)	50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz											
Overload	< 105%, long run; < 110%, 60 min; 110 ~ 125% rated load, load 10 min; > 125 ~ 150% rated load, load1 min; > 150%, 200ms											
Crest Factor	3:1(maximum)											
Time	Main Power ↔ Battery	0 ms										
	Inverter ↔ Bypass	1 ms (phase lock failure, <2ms interrupt occurs)										
	Inverter ↔ ECO	<2 ms										
Efficiency												
Inverter Mode	≥95%											
ECO Mode	≥99%											
Battery												
Type	Lead acid or lithium											
Number	32; 30 ~ 44 (±15~±22) (settable)											
Charging Current	Capacity* 15%/N/12 (N=±15-22)											
Charging Voltage	± 13.65Vdc • N ± 1% (N=±15-22)											
Physical												
Size WxDxH(mm)	280 x 685 x 725		780 x 425 x 1200				960 x 600 x 1600		960 x 600 x 1600/2000		1010 x 600 x 2000	
Net Weight(kg)	116		141		166		285	310	360	460		
Environment												
Working Temperature	0~ 40°C battery life will be shorten when temperature> 25°C											
Relative Humidity	0~95% no condensation											
Altitude	1000 meters no derate, > 1000 meters derating 1% for every 100 meters rise											
Noise	≤60dB (A)@ 1 meter											
Management												
Intelligent RS-232/RS-485	Support Windows® 2000/2003/XP/Vista/2008、Windows® 7/8/10、Linux and MAC											
Optional SNMP	Support power management by SNMP administrator and web browser											

* Specifications are subject to change without prior notice.