



ENTERPRISE POWER PROTECTION SOLUTIONS

Hyper Series - Rack Mount UPS

High-Performance Online Double-Conversion Power Protection

Engineered for mission-critical IT infrastructure, government, finance, and industrial applications. Offering robust online dual-conversion reliability with high efficiency and wide input voltage tolerance.



1-10 KVA POWER RANGE • PURE SINE WAVE • ONLINE DUAL-CONVERSION

Key Features & Applications

- **Power Range:** 1-10 kVA models available
- **Phase:** Single phase grounding
- **Application Areas:** Widely applied in government, finance, communication, healthcare, energy, and industrial sectors.

Performance Characteristics

- Truly achieving online dual conversion
- Microprocessor control technology ensures high reliability
- Input power factor correction & output power factor 0.8
- Wide input voltage range (110V to 300V)
- ECO mode provides energy-saving effect (1-3K models)
- Compatible with generator input & long-lasting 6A charging

TECHNICAL SPECIFICATIONS (ELECTRICAL & INPUT/OUTPUT)

Specification Parameter	1KVA / 2KVA / 3KVA Models	6KVA / 10KVA Models
Capacity (VA/W)	1000VA/800W 2000VA/1600W 3000VA/2400W	6000VA/4800W 10000VA/8000W
Input Nominal Voltage	100/110/115/120/127VAC or 200/208/220/230/240VAC	208/220/230/240VAC
Input Voltage Range	55-145VAC (50% load) / 85-140VAC (100% load) or 110-300VAC	110-300VAC±3% (50% load) / 176-300VAC±3% (100% load)
Input Frequency Range	40Hz-70Hz	46Hz-54Hz or 56Hz-64Hz
Input Power Factor	≥ 0.99 @ 100% load	
Output Voltage & Waveform	208/220/230/240VAC ±1%, Pure Sine Wave (Battery Mode)	
Switching Time	Mains to Battery: 4ms (standard) Mains to Bypass: 0ms	

ENVIRONMENTAL & BATTERY SPECIFICATIONS

Parameter	Performance Details
AC Mode Efficiency	Up to 88% (1kVA), 92% (2kVA), 93% (3kVA), 89% (6kVA), 90% (10kVA)
Standard Battery Type	12V/9AH
Charging & Recovery	Max charging current up to 6A (adjustable); Charge recovery time 4 to 9 hours to 90%
Operating Environment	Temperature: 0-40°C (non-condensing) Humidity: 20-95% (non-condensing)
Acoustic Noise Level	<50 dBA (1-3kVA) <55 dBA (6-10kVA @ 1m)