

## << ON LINE UPS



## << Product introduction

This series of UPS applies CPU integrated control technology, which allows UPS to response promptly and accurately when power outage, high or low voltage, surge,transient or spike occurs while its surge protection port provides protection for special external devices, such as printers and so on. It possesses automatic startup function, automatic voltage regulation function and a wide range of input voltage, so it is applicable to all kinds of electric power environment. In addition, its design is humanized and elegant with LED or LCD display, those are two alternatives.

## << Feature

1. True double-conversion
2. Microprocessor control optimized reliability
3. Input power factor correction
4. Output power factor 0.8
5. Wide input voltage(110V – 300V)
6. Converter mode available
7. Generator compatible
8. Smart SNMP works well with either USB or RS-232

## << Specifications

MODEL	PT-1000 (L)	PT-2000 (L)	PT-3000 (L)
Capacity	1000VA/800W	2000VA/1600W	3000VA/2400W
<b>INPUT</b>			
Frequency range	Transfer:160VAC 5%~300VAC 5% no-load:110VAC 5%~300VAC 5%		
Frequency range	40Hz~70Hz		
Phase	Single phase with ground		
<b>OUTPUT</b>			
Output voltage	220VAC		
AC Voltage regulation	±1% ( Batt. Mode)		
Frequency range	47~53 Hz or 57~63Hz(Synchronized range)		
Frequency range	50Hz ± 0.25Hz or 60Hz ± 0.3Hz(Batt. mode)		
Overload	100%~110% :Only a warning 100%~130% :UPS shuts down after 1 minute at battery mode or transfer bypass when the utility is normal. >130%:UPS shuts down immediate at battery mode or transfer to bypass when the utility is normal.		
Current crest ratio	3:1		
Harmonic distortion	≤6% THD(non-linear load)		
Transfer time	0ms/AC Mode to Batt Mode:Zero Inverter to Bypass:4ms (Typical)		
Wave form(Batt.Mode)	Pure Sinewave		
<b>EFFICIENCY</b>			
AC Mode	~85%	~88%	
Battery mode	~83%	~85%	
<b>BATTERY</b>			
Battery type(Standard Model)	12V/7~9AH		
Quantity	2-3pcs	6-8pcs	6-8pcs
Recharging time	4hours recover to 90% capacity (Typical)		
Charging current	Standard Model:1A(max)		
Charging voltage	27.3V 1%/41.0V 1%	82.1V 1%/109.4V 1%	
<b>PHYSICAL</b>			
Dimension(mm)	350*145*230	410*190*325	
Net weight (kg)	8.9/11.1	4.7/4.7	23.25/28.35 10.07/10.07 23.57/27.97 10.12/10.12
<b>ENVIRONMENT</b>			
Operation humidity	20-95%RH @ 0-40°C(non-condensing )		
Noise level	≤40dB(1m)		
<b>MANAGEMENT</b>			
Smart RS232 or USB	Supports Windows @2000/2003/XP/Vista/ 2008/7/Linux,Unix and MAC		
Optional SNMP	Power management from SNMP manager and web browser		

■ Derte capacity to 80% of capacity in Frequency converter mode or when the output voltage is adjusted to 200/208VAC