



PRODUCT **CATALOGUE**

Server Racks, UPS, Accessories & more



Smart UPS

XP-RT1000S/XP-RT2000S/XP-RT3000S

An Uninterruptible Power Supply (UPS) is a device used to provide emergency power to a load when the input power source, typically mains power, fails. UPS systems are essential for critical equipment and applications that cannot tolerate even momentary power interruptions, such as servers, data centers, medical equipment, and telecommunications systems.



Multifunction bracket



Rotatable LCD Panel

Features

- Cold start
- Generator compatible
- Hot-Swappable battery design
- Rack/Tower convertible design
- Intelligent fan speed regulation
- Load segment settable (Optional)
- Input power factor 0.99 with PFC
- Emergency power off function (EPO)
- Wide input voltage range:110~300Vac
- ECO mode operation for energy saving
- Versatile LCD human-computer interface
- Online double conversion with full digital control
- Selectable output voltage: 208/220/230/240Vac
- Smart charger design for optimized battery performance
- Maximum charging current can be expanded to 12A (Long run unit)
- Multiple communication interface:RS232 (USB/EPO/Dry contact/SNMP card optional)
- Multiple protection function:short-circuit,overload,overheat, battery overcharge and overdischarge,output low voltage and fan fault alarm



RT1000S



RT2000S



RT3000S

Technical Specifications

Model		XP-RT1000S		XP-RT2000S		XP-RT3000S	
Capacity (VA/Watts)		1000VA/ 900W		2000VA/ 1800W		3000VA/ 2700W	
INPUT							
Nominal Voltage		208/220/230/240Vac					
Input voltage range		110~300Vac (176~280Vac @ 100% load)					
Frequency range		40~70Hz (50/60Hz Auto-Sensing)					
Power factor		≥0.99					
OUTPUT							
Output voltage		208/220/230/240Vac					
Power factor		0.9					
Voltage regulation		±1%					
Output frequency	Line Mode	46~54Hz or 56~64Hz					
	Bat. Mode	(50/60±0.1%)Hz					
Crest factor		3:1					
Harmonic distortion (THDv)		≤3% Linear load ≤5% Non linear load					
Transfer time	AC mode to Bat.Mode	0ms					
	Inverter to Bypass	4ms (Typical)					
Output waveform		Pure Sinewave					
EFFICENCY							
AC mode		89%		91%		92%	
Battery mode		85%		87%		88%	
BATTERY							
Battery number		2	3	4	6	6	
Capacity (Standard unit)		9Ah/12V					
Typical recharging time		4 hours (to 90% of full capacity)					
Charging voltage		27.4Vdc±1%	41.1Vdc±1%	54.8Vdc±1%	82.2Vdc±1%	82.2Vdc±1%	
Charging current (Max)		1A		1A		1A	
INDICATORS							
LED display		Line mode, Bat.mode, ECO mode, Bypass mode, Battery low voltage, Overload & UPS fault					
LCD display		Input voltage,Input frequency,Output voltage,Output frequency,Load percentage, Battery voltage,Inner temperature& Remaining battery backup time					
ALARM							
Battery mode		Beeping every 4 seconds					
Battery low		Beeping every second					
Overload		Beeping twice every second					
Fault		Continously beeping					
PHYSICAL							
Dimension W x D×H (mm)		440 x 460 x 86.5		440 x 460 x 86.5		440 x 600 x 86.5	
Net weight (kg)		14		19.5		26	
ENVIRONMENT							
Operating temperature		0°C~40°C					
Storage temperature		-25°C~55°C					
Humidity range		20~95%RH @ 0~40°C (Non condensing)					
Altitude		<1500m,derating required when>1500m					
Noise level		<50dB at 1 Meter					
STANDARDS							
Safety		IEC/EN62040-1,IEC/EN62477-1					
EMC		IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6,IEC61000-4-8					

Specifications are subject to change without prior notice.

When output voltage is 208Vac,need to derate to 80% of the unit capacity.



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