



## **RPT-3210TR | RPT-3220TR**

### **1000VA~2000VA Line Interactive UPS, Rack / Tower Type**

RPT-3210TR series is a versatile Line Interactive UPS that can be mounted in a rack or used as a tower. It offers a convertible design, providing flexibility for different installation requirements. Designed to provide comprehensive power protection, the RPT-3210TR series utilizes microprocessor control technology to ensure exceptional reliability in safeguarding against potential power problems.

With its powerful capabilities, the RPT-3210TR series serves as an effective power supply solution, specifically designed to prevent data loss in servers or network equipment caused by power failures. Equipped with built-in 2-step boost and 1-step buck AVR regulators, this UPS stabilizes output voltage fluctuations and corrects abnormal voltages, effectively protecting connected devices. It is well-equipped to handle complex power environments, delivering a stable voltage across various input waveforms.

RPT-3210TR series features a built-in high-power surge absorber, providing reliable protection against lightning strikes and filtering out various forms of electric wave interference. Its ultra-wide voltage and ultra-wide frequency input acceptance range make it exceptionally capable of coping with harsh power conditions. By ensuring stable and reliable power, this UPS creates a safer power environment for your equipment. The inclusion of an LCD screen display allows users to easily monitor the status of the UPS, providing a convenient way to stay informed. With the RPT-3210TR series, you can trust that your equipment will remain safe even in unstable power environments.



## **Features**

- Controlled by a technologically advanced microprocessor guaranteeing high reliability
- Rack / tower convertible design
- Equipped with 2-steps boost & 1-step buck AVR to stabilize output voltage
- Provides lightning, surge, overload, and short-circuit protection
- Constant current, constant voltage battery charger (CCCV Battery Charger)
- UPS will shut down upon battery low ; UPS will restart automatically upon AC recovery (Auto-restart)
- Built-in DC start function enables UPS to be started without AC power supplied
- Tel / Modem / Fax / Internet surge suppression
- Management software is designed to monitor and control UPS status
- Built-in DC start function enables UPS to be started without AC power supplied

# Interface

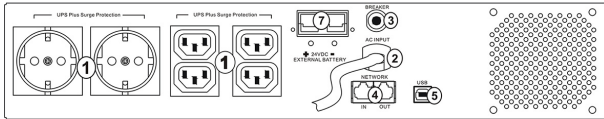
## Front Panel



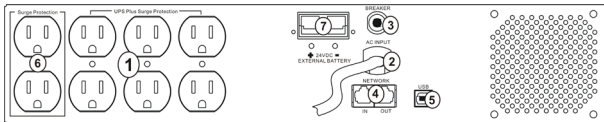
- 1. Master Power Switch:** Turn on / off the UPS.
- 2. UPS test Switch:** When UPS is working on AC mode, it also activates the UPS's self-test by press this button.
- 3. LCD display**

## Rear Panel

### ■ European socket type:



### ■ Nema 5-15R socket:



- 1. Outlets**
- 2. AC Input**
- 3. AC breaker**
- 4. Tel / Modem Spike Protection Port:** Telecom transfer ports provide users to extend the applications.
- 5. Communication Interface Port:** USB port.
- 6. Surge Protection Only**
- 7. External Battery Connector (Optional)**

# Specifications

Model		RPT-3210TR	RPT-3220TR
Capacity	VA	1000VA / 600W	2000VA / 1200W
Input	Voltage	110/115/120VAC or 220/230/240VAC	
	Range	-30% +25%	
	Frequency	50/60Hz auto-sensing	
Output	Voltage (AC/Batt. Mode)	110/115/120VAC or 220/230/240VAC +/-10%	
	Frequency (AC/Batt. Mode)	AC mode: 47-53Hz for 50Hz or 57-63Hz for 60Hz ; Battery mode:50Hz or 60Hz +/- 1Hz	
	Waveform	Simulated Sinewave	
	Transfer Time	Less than 6ms (typical)	
	European type + IEC-320	European type * 2pcs + IEC * 4pc	
	Nema 5-15R socket	Nema5-15R * 6pcs with back-up + 2pcs surge only	
Battery	Battery Type	12V/7AH *2PCS	12V/9AH *2PCS
	Recharge Time	5 hours to 90% after complete discharge	
	Battery protection	Over Charge & Over Discharge Protection	
	Advanced Battery Management	Yes	
	Battery Back-up Time	It depends on connecting loads and external battery packs	
Function	Display (LCD)	I/P & O/P Voltage & Frequency, Load %, Battery %	
	Alarm	Buzzer on Back-up mode, Battery low, Overload	
	Output Short Protection	AC fuse and Electronic circuit(Line mode); Electronic circuit(Back-up mode)	
	Communication Port (USB)	Shutdown Software for Windows	
	Modem/Phone/ Protection	RJ-45	

	<b>Lightning/Surge Protection</b>	175Joules	
	<b>AVR(Auto Voltage Regulation)</b>	Boost/Buck	
	<b>DC start Function</b>	Yes	
	<b>Auto. Restart UPS</b>	Yes	
	<b>Over/Under Voltage Protection</b>	Yes	
<b>Safety Standard</b>	<b>LVD</b>	CE(EN60950-1:2006+A11:2009+A1:2010+A12:2011	
	<b>EMC</b>	CE(EN55022:2010 ; EN55024:2010)	
<b>Environment</b>	<b>Operating Temperature</b>	0°C - 40°C (32°F~104°F), at full load	
	<b>Relative Humidity</b>	0~95% relative humidity (non-condensing)	
	<b>Noise Level</b>	Less than 40db (at 1 meter)	
<b>Physical</b>	<b>Dimension, D*W*H</b>	W440 x H88 x D347	
	<b>Net weight</b>	16kgs	19kgs

## Ordering information

**RPT-3210TR**    1000VA / 600W Line Interactive UPS, w/ USB port  
**RPT-3220TR**    2000VA / 1200W Line Interactive UPS, w/ USB port