



RPT-600DU Series

600~1000VA Line Interactive UPS

RPT-600DU series offers comprehensive power protection to safeguard against potential power issues, utilizing advanced microprocessor control technology to ensure optimal reliability.

Designed specifically for home or small office use, this series is a reliable power supply solution.

One notable feature of the RPT-600DU series is its ability to prevent data loss caused by power failures, providing uninterrupted power to your computer. Equipped with built-in 2-step boost and 1-step buck AVR regulators, it effectively stabilizes output voltage fluctuations and rectifies abnormal voltages, thus ensuring the protection of connected devices. This capability allows it to effortlessly handle complex power environments.

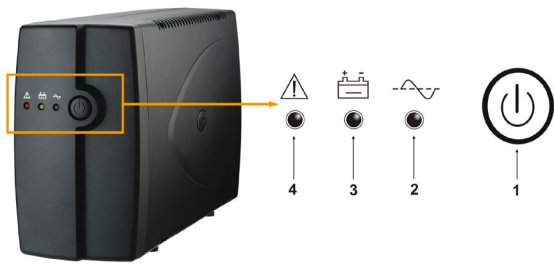
RPT-600DU series consistently delivers a stable voltage across various input waveforms. It incorporates a high-power surge absorber that effectively shields electrical equipment from lightning strikes, as well as filters out different types of electric wave interference. Its wide voltage and frequency input acceptance range enable it to withstand demanding power conditions, providing a reliable and secure power environment for your equipment.

Features

- Line Interactive UPS with interactive topology
- Controlled by a technologically advanced microprocessor guaranteeing high reliability
- Equipped with 2 boost & 1 buck AVR function to regulate output voltage
- Cold start function: built-in DC start function enables UPS to be started without AC power supplied
- Auto Restart Upon AC Recovery
- Built-in CCCV Battery Charger
- Off-mode Charging
- UPS Green Mode: Energy saving function
- USB port and cable for managing functions via PC

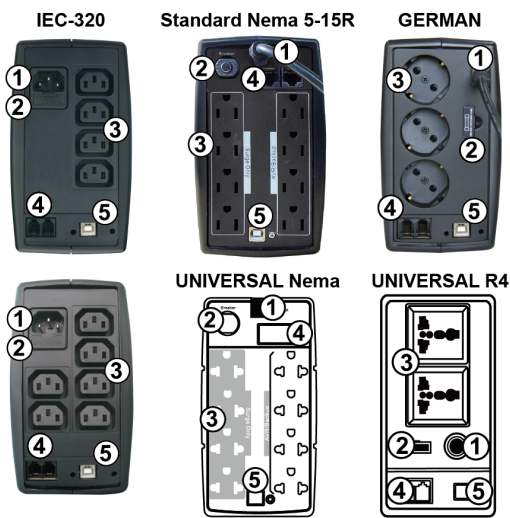
Interface

Front Panel



1. **Master power Switch:** "ON/OFF/TEST/SILENCE" button.
2. **On-Line LED:** AC normal
3. **Back-Up LED:** Battery in backup
4. **Cut-Off LED:** Overload or Fault or Replace Battery

Rear Panel



1. **AC Input:** Connect to input power cord
2. **AC Fuse/circuit Breaker:** Provide Circuit overload and fault protection for the UPS and load
3. **Outlets**
4. **RJ-11**
5. **Communication interface:** USB port

Specifications

Model No.	USB	RPT-600DU	RPT-800DU	RPT-1003DU
Capacity		600VA/360W	800VA/480W	1000VA/600W
Input	Voltage	110/115/120Vac or 220V/230/240Vac		
	Voltage Range	-30%+25%		
	Frequency	50Hz or 60Hz (Auto Sensing)		
Output	Voltage Regulation (Battery Mode)	110/115/120VAC or 220/230/240VAC +/-10%		
	Frequency	50Hz or 60Hz +/- 1Hz		
	Waveform	Simulated Sinewave		
	Transfer Time	< 6ms(Typical)		
	Outlet	IEC-320/Nema 5-15R	4/4	
Universal/German		2/3		
Battery	Voltage	12VDC		24VDC
	Recharge Time	5hr to 90% after complete discharge		
	Safety Protection	Over Charge & Discharge Protection		
	Advanced Battery Management	YES		
	Back-up Time (Load with 1PC)	20 Minutes	30 Minutes	40 Minutes
Display	LED status indicator	Normal (Green), Battery (Yellow), UPS cut off (Red)		
	LCD status display	I/P & O/P Voltage & Frequency, Load %, Battery %		
Audible Allarm	Battery Mode	Beeping twice every 8 second		
	Low Battery	Beeping four times every second		
	Overload	Beeping continuously		
	Fault	Beeping continuously		
Function	AVR (Auto Voltage Regulation)	2 Boost + 1 Buck		
	DC start function	YES		
	Auto restart UPS	YES		
	Over/Under voltage protection	YES		
	No load Cut-off (Green mode)	YES		
	Silence the Audible Alarm	YES		
	Off Mode Charging	YES		
	Short Circuit Protection	AC fuse and Electronics circuit(Line mode) ; Electronics circuit(Back-up Mode)		
	Lightning/ Surge Protection	99 Joules(110/115/120VAC) / 175 Joules (220/230/240VAC)		
	Modem/Phone protection (Optional)	RJ-11		
	Communication port (Optional)	USB port		
	Software	OPTIONAL		
Environment	Operating Temperature	0° C - 40° C (32°F~104°F)		
	Humidity	0-95% (No condensing)		
	Acoustic Noise	<40 dB at 1M		
Safety Standard	LVC	CE(EN60950-1:2006+A11:2009 +A1:2010+A12:2011)		
	EMC	CE(EN55022 :2010 ; EN5024 :2010)		
Physical	Dimension (UPS Case) (W*D*H)	305*98*170mm		385*98*170mm

*Product specifications are subject to change without further notice.

Ordering information

RPT-600DU	600VA/360W Line Interactive UPS with USB port
RPT-800DU	800VA/480W Line Interactive UPS with USB port
RPT-1003DU	1000VA/600W Line Interactive UPS with USB port