



RPT-400DU Series

400~1000VA Line Interactive UPS

RPT-400DU 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-400DU 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.

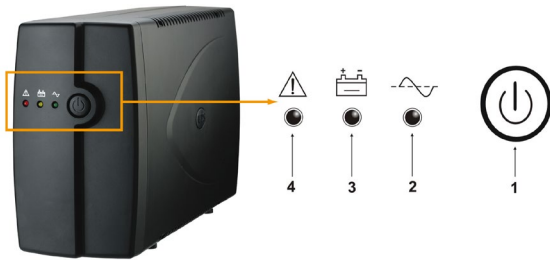
RPT-400DU series consistently delivers a stable voltage across various input waveforms. It incorporates a high-power surge absorber that effectively shields electrical equipment from lightning strikes, as well as filters out different types of electric wave interference. Its wide voltage and frequency 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

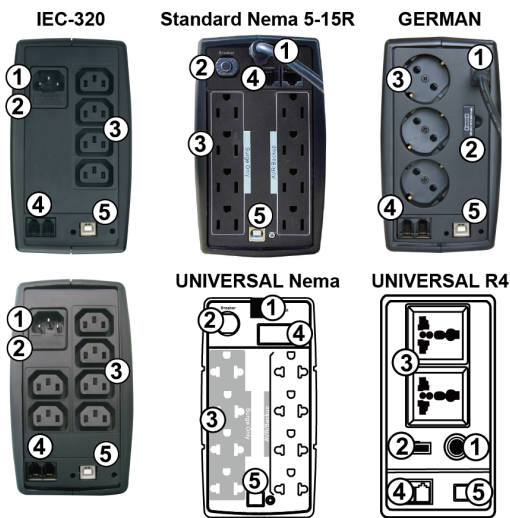
Interface

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-400DU	RPT-600DU	RPT-800DU	RPT-1003DU
Capacity			400VA/240W	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		6/6
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)		10 Minutes	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-400DU	400VA/240W Line Interactive UPS with USB port
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