

RPT-400DU Series

400~1000VA Line Interactive UPS



Feature

- 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:** Provide Circuit overload and fault protection for the UPS and load
- 3. Outlets**
- 4. RJ-11**
- 5. Communication interface:** USB port

Specification

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			
Regulation	Safety Standard	CE (EN62040-1-1, EN50091-1)			
	EMC Standard	FCC Part 15 Class B, CE(EN50091-2, EN61000-3-2, EN61000-3-3)			
Physical	Dimension (UPS Case) (W*D*H)	305*98*170mm		385*98*170mm	

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