PRO-RT® Series Line-Interactive UPS

PRO750RT2U, PRO1000RT2U, PRO1500RT2U, PRO2000RT2U

Capacity

☑ Small ☑ Midsize ☐ Enterprise level

Applications

☑ Network/Server ☑ VoIP Systems ☑ IP/Analog Phone & Security

Perfect Protection For Rack-Mount Systems

The PRO-RT Series is a value-priced, yet feature-rich UPS incorporating line-interactive technology that preserves battery power by providing voltage regulation during brownouts or voltage sags. The PRO-RT Series can be used to support servers, telecom or VoIP systems, security systems, plus many other applications.

The PRO-RT UPSs include many useful features such as load-shedding with two load banks, independent battery bypass, plus auto-re-start when power is restored after an extended power outage.

Versatile Communications

Each PRO-RT model is compatible with Minuteman's free downloadable SentryHD™ power management and diagnostic software. When installed on a workstation or server, the user gains complete control over monitoring and managing the UPS using a convenient web browser-based interface. The SentryHD software communicates via a built-in USB port or through a RS-232 connector on the UPS. In addition, managing the UPS within a Network Management System (NMS) is easy with the installation of an optional SNMP card.

Designed for versatility, the PRO-RT models can be mounted in a standard rack using the attached rackmount ears. All units can also be installed as a tower using the included feet. An optional kit is available for mounting the unit to a wall.

High-end Features - Budget Friendly Price

The PRO-RT offers many features normally found on higher priced models, including an LCD status display which shows the following:

- **Input / Output voltage and frequency**
  Monitor the status of your utility power
- **UPS and battery mode / status**
  Eliminate guesswork with straightforward display of the unit's status
- **Load capacity**
  Load indicator shows how much electrical load is being placed on the unit
- **Estimated runtime based on connected load**
  Find out how much backup time remains during a blackout right on the unit

Ideally Suited to Protect:

- Network Equipment
- Servers
- Workstations
- VoIP Communications
- Telephone Systems
- IP and Analog Video Equipment

In addition to the LCD display, the PRO-RT also offers:

- **Protection from Spikes, Surges, Brownouts, and Blackouts**
  - Buck and boost Automatic Voltage Regulation (AVR) function
  - All outlets are battery and surge-protected
  - RJ11 / RJ45 spike/surge protection for phone/fax/modem/network connections (1Gb)
  - Coax protection for satellite/cable
- **Rack/tower Installation**
  2U rack height or wall mounting with optional kit
- **Minuteman SentryHD Software**
  - Automatically saves and shuts down unfinished or open applications programs
  - Powers down your devices during blackouts
  - Provides comprehensive power monitoring
- **USB Communications**
  No special USB drivers are required. The USB is automatically recognized by Microsoft® Windows® as HID-compliant devices – similar to a mouse or a keyboard.
- **SNMP Compatible**
  Each PRO-RT unit can be managed on a network with the addition of an optional SNMP management card. (NC models includes a pre-installed network card)
- **Fax/Modem/Network/Coax Line Protection**
  The PRO-RT UPS provides a low cost means of protecting fax/modem/network lines.
- **Independent Battery Bypass**
  Provides voltage regulation with surge and spike protection even when batteries are weak or dead.
- **Warranty**
  Each PRO-RT UPS system is covered by a three-year parts and labor warranty and $100,000 Minuteman Platinum Protection Plan® (U.S.A. and Canada only). Five-year warranty options are available.

Para Systems, Inc. | Minuteman Power Technologies
1455 LeMay Drive | Carrollton, Texas 75007 | 972.446.7363 | 800.238.7272
minutemanups.com/prort | sizemyups.com

Minuteman® PRO-RT® Series Line-Interactive UPS Specifications

NC models include a pre-installed network card

General Specifications	PRO750RT2U	PRO1000RT2U	PRO1500RT2U	PRO2000RT2U
Max Output Power	525 Watts	700 Watts	1050 Watts	1400 Watts
Power Factor	0.7	0.7	0.7	0.7
Topology	Line-Interactive			
Mounting/Installation	Rackmount / Tower / Wallmount (optional kit)			
Output Receptacles	(8) NEMA 5-15R	(8) NEMA 5-15R	(8) NEMA 5-15R	(6) NEMA 5-15/20R / (1) L5-20R
Input Connection	10' power cord with NEMA 5-15P			10' power cord w/5-20P
Load-Shedding Configuration	(2) Independently-controlled banks of (3) outlets + (1) always-on bank of (2) outlets {PRO2000RT2U (1) always on L5-20R Outlet}			
Warranty	Three-year parts and labor warranty			
Equipment Guaranty	$100,000 Platinum Protection Plan			
Input				
Voltage Range	90 to 150VAC			
Frequency Range	60Hz ±6Hz			
Output (non-battery operation)				
Voltage Range	103 to 136VAC			
Frequency	60Hz ±6Hz.			
Wave Form	Sine Wave			
Efficiency (AC-AC)	>96% at full-rated load			
Output (battery operation)				
Voltage	120VAC			
Voltage Regulation	120VAC ±5% until low battery warning			
Frequency	60Hz ±0.5Hz unless synchronized to line			
Wave Form	Simulated sine wave			
Battery System				
Hot Swappable Battery	Yes			
Battery Type	Sealed, non-spillable, valve regulated, maintenance-free, lead acid			
Runtime at Half-Full-Rated Load	15 (5) minutes	14 (4) minutes		
Surge Protection				
Surge Energy Rating	960 joules			
Surge Protection	RJ11 / RJ45 and Coax			
Certifications				
Agency Approvals	cTUVus (Conforms to UL1778 and CSA 22.2), CE, RoHS2, Energy Star			
EMI/RFI Emissions and Susceptibility	FCC Part 15 Class B			
Environmental				
Temperature : Operating (Storage)	0° to +40°C / +32° to +104°F (-15° to +45°C / +5° to 113°F)			
Humidity: Operating (Storage)	5 to 95% non-condensing			
Elevation: Operating (Storage)	0 to +3,000 m / 0 to +10,000 ft (0 to +15,000 m / 0 to +50,000 ft)			
Physical				
Unit Size (L x W x H) (with rack ears installed)	16.1 x 18.9 x 3.4 inches (409 x 480 x 86 mm)		20.1 x 18.9 x 3.4 inches (510 x 480 x 86 mm)	
Unit Weight	31.3 lbs 14.2 kgs	35.7 lbs 16.2 kgs	48.7 lbs 22.1 kgs	62.8 lbs 28.5 kgs

PRO-RT Series Features

1 LCD Status Display
2 Rackmount Brackets
3 Input Circuit Breaker
4 Input Power Cord
5 Coax Surge Protection
6 Emergency Power Off
7 Fan
8 USB Port
9 RJ11/RJ45/Fax/Modem Network Protection
10 Controllable Output Receptacles (6)
11 Always On Receptacles (2)
(Only one on the PRO2000RT2U)
12 Option Card Slot

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