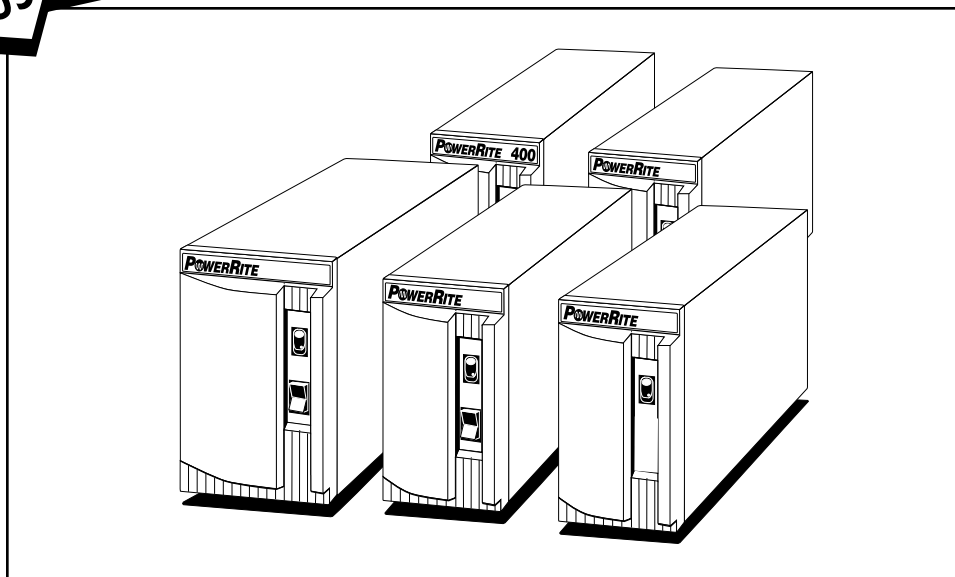




# PowerRite Plus

Economical Power Protection for PCs, Workstations, POS,  
Cash Registers, and Network Nodes



## Features

- ◆ New VA ratings from 220 to 650 VA
- ◆ Advanced Battery Management (ABM™) for prolonged battery life
- ◆ Exclusive Five-Year Triple Power Warranty
  - ◆ 60-Day Money Back Guarantee
  - ◆ \$25,000 Computer/Load Protection Guarantee
  - ◆ 5-Year Pro-Rated Warranty
- ◆ Surge suppression plus protection from AC power outages, voltage sags, and line noise
- ◆ Alarm indicators that warn of AC power faults and low battery
- ◆ Power management software interface for some models
- ◆ Extensive approvals CSA, UL, FCC (Class A & B), VDE and more...

Deltec introduces new VA ratings for its PowerRite Plus Series UPS. Now offered in models ranging from 220 to 650 VA, the PowerRite Plus provides the most cost effective and efficient power solution for PCs, workstations, POS, cash registers and network nodes.

Deltec's PowerRite Plus Series features advanced protection from AC power outages, voltage surges, and line noise. In addition, the patented **Advanced Battery Management (ABM™)** technology doubles battery life, speeds recharge time, and provides early notification of battery service requirements.

In addition, the new PowerRite Plus Series comes complete with audible and visual alarms, and power management software interface for: OS/2; Novell, DOS, Windows; Novell NMS; Windows NT; and UNIX systems. *(See Model Features Guide for details.)*

Backed by Deltec's exclusive Triple-Power Warranty, bearing full agency approvals and manufactured to ISO 9000 quality standards, the PowerRite Plus incorporates the highest level of service, design, and performance available today. PowerRite Plus from Deltec, is power protection you can count on to keep you up and running — without interruption!

### PowerRite Plus Estimated Backup Times (in minutes)

Application	Load	PRB220	PRB300	PRB420	PRB500	PR650
Electronic Cash Register, Terminal	75 VA	32	70	75	90	110
PC Node, Mac SE, 286 or similar	150 VA	14	28	32	52	56
Network Hub or Router	200 VA	10	17	19	40	42
Intelligent terminal or POS	300 VA		9	10	19	22
Moderately Configured PC or Mac w/14" color monitor	350 VA			7	15	17
Pentium or PowerPC Computer	400 VA			6	13	15
Pentium, 68040, or PowerPC Tower w/16" color monitor	500 VA				6	7
Workstation or heavily configured PC or Mac w/19" color monitor	600 VA					6
Workstation or heavily configured PC or Mac w/24" color monitor	650 VA					5

Battery backup times may vary considerably due to modified configurations, environmental conditions, ambient temperatures, battery age, and other factors.

# DELTEC

2727 Kurtz Street ♦ San Diego, California 92110 ♦ 1-800-DELTEC-1 ♦ 619/291-4211 ♦ FAX 619/296-8039

## Input

<b>Voltage</b>	110, 120, 127, 220, 230, or 240 VAC nominal, user selectable; see Model Selection Guide
<b>On Line Voltage Range</b>	88, 93, 98, 103 V, or 166, 176, 186, 196 V user selectable; see Owner's Manual
<b>Normal Input Frequency</b>	60 Hz and 50/60 Hz; $\pm 5\%$
<b>Connections</b>	6-foot line cord with 5-15P; International units — IEC-320 male inlet coupler only
<b>Protection</b>	Resettable circuit breaker for 120 V; replaceable fuse for 230 V
<b>Noise Filtering</b>	Line filter for normal and common mode noise; EMI/RFI filtering
<b>Electromagnetic Static Susceptibility</b>	Meets or exceeds relevant IEC/IEEE standards

## Output

<b>Wave form</b>	Synthesized sine (step wave)
<b>Power levels</b>	220, 300, 420, 500 and 650 VA; see Model Selection Guide
<b>On Line Efficiency</b>	99%
<b>Battery</b>	Sealed, maintenance free, lead acid
<b>On Battery Volt. Reg.</b>	$\pm 5\%$
<b>Battery Charging</b>	Advanced charging for faster recovery
<b>Battery Monitoring</b>	Advanced monitoring for early failure detection and warning
<b>Backup Time</b>	5 to 45 minutes; see Estimated Backup Times table
<b>Connections</b>	Standard NEMA receptacle 5-15R or IEC-320 female plugs; see Model Features Guide for details

## Physical

<b>Dimensions</b>	See Model Selection Guide
<b>Audible Noise</b>	<40 dB (3 feet from unit)
<b>Operating Temp</b>	0°C-40°C (32°F-104°F) Recommended use at 25°C (77°F)
<b>Operating Altitude</b>	Up to 10,000 feet (3,000 m)
<b>Conformance Standards</b>	IEEE 587/ANSI C62.41 (Levels A & B), and FCC (Class A & B)
<b>Safety Standards</b>	UL listed 1778 & 1449, CSA 22.2, and VDE

## Model Features Guide

Features	220/300	220i/300i	420	420i	500/650	500i/650i
<b>Number of Receptacles*</b>	2	2	2	2	4	4
<b>Audible Alarm</b>	•	•	•	•	•	•
<b>Communication Interface</b>			•	•	•	•
<b>Alarm Silence Switch</b>			•	•	•	•
<b>Advanced Battery Charging</b>	•	•	•	•	•	•
<b>Battery Service Audible Alarm</b>	•	•	•	•	•	•
<b>Battery Service Visual Alarm</b>			•	•	•	•
<b>Battery Discharge Voltage Test</b>			•	•	•	•
<b>Continuous Open Cell Voltage Monitoring</b>	•	•	•	•	•	•
<b>Adjustable Low Voltage Transfer</b>	•	•	•	•	•	•
<b>Adjustable High Voltage Transfer</b>					•	•
<b>Surge Suppression/Filtering</b>	•	•	•	•	•	•
<b>Site Wiring Fault Indicator</b>	•		•		•	

\* Standard NEMA receptacle 5-15R or IEC-320 female plugs; see *Owner's Manual* for details.

## Model Selection Guide

Model Number	Freq. (Hz)	Nom. In/Out Voltage (VAC)	Output (VA)	Dimensions WxHxD in (cm)	Weight† lbs (kg)
PRB220/300	60	120*	220/300	3.4x6.0x13.5 (8.6x15.2x33.3)	14 (6) / 16 (7)
PRB220i/300i	50/60	230**	220/300	3.4x6.0x13.5 (8.6x15.2x33.3)	14 (6) / 16 (7)
PRB420	60	120*	420	3.4x6.0x13.5 (8.6x15.2x33.3)	17 (8)
PRB420i	50/60	230**	420	3.4x6.0x13.5 (8.6x15.2x33.3)	17 (8)
PRB500/650	60	120*	500/650	4.7x6.6x14.2 (11.9x16.8x36)	20 (9) / 21 (10)
PRB500i/650i	50/60	230**	500/650	4.7x6.6x14.2 (11.9x16.8x36)	20 (9) / 21 (10)

† Includes 3 pounds for shipping materials. \* User selectable for 110, 120 or 127. \*\* User selectable for 220, 230, or 240.

## Power Management Software Interface

A power management software interface is available for PowerRite Plus 420, 500 and 650 VA models.

Deltec's **FailSafe III** and **LanSafe III** software works in conjunction with the PowerRite Plus to:

- ◆ Provide orderly and sequential shutdown of all network devices saving work in progress
- ◆ Support multiple network devices in one UPS group
- ◆ Allow UPS configuration changes without system reboot
- ◆ Eliminate unnecessary SAPs (Service Advertisement Protocols), improving network performance



## Deltec's Exclusive Triple Power Warranty



- ◆ 60-Day Money Back Guarantee
- ◆ \$25,000 Load Protection Guarantee
- ◆ 5-Year Pro-Rated Warranty



Deltec is an **ISO 9000** certified company, meaning, we meet the **highest** manufacturing, design and customer service standards.

**Call Today for More Information!**