SURGE ARREST: HIGH-PERFORMANCE SURGE PROTECTION

P11VNT3 NETWORK SURGE ARREST
• 8 AC Outlets (2 always on) Plus 100Base-T and Token Ring Protection to Protect a LAN
• Built-in 100Base-T4/TX, 10Base-T and Token Ring Protection to Prevent Surges from Damaging Connected LAN Equipment
• Accommodates up to 6 Transformer Blocks (3 without Covering Other Outlets)
• Recessed Master On/Off Switch, Prevents Accidental Turn-off
• Cord Management Straps • 15 Amps Max Current
• $25,000 Lifetime Equipment Protection • 480 Joules
BADGER PART NUMBER:
P11VNT3

PRO8T2 PROFESSIONAL SURGE ARREST
• 8 AC Outlets (2 always on) Plus 2 Line (4-wire) Protection, Internet Protection, Modems, Fax, Answering Systems
• Accommodates up to 6 Transformer Block (3 without covering other outlets)
• 8 Outlets to Handle all Computer and Peripheral Equipment
• 2 “Always On” Outlets for Devices that Require Constant Power
• Master On/Off Switch • 320 Joules • 15 Amps Max Current
• Easily Accessible Yet Recessed to Prevent Accidental Turn-Off
• $10,000 Lifetime Equipment Protection
BADGER PART NUMBER:
PRO8T2

PRO7T PROFESSIONAL SURGE ARREST
• 7 AC Outlets plus 2-line (4-wire) RJ45 • 15 Amps Max Current
• Connection Protection Protects Modems, Fax, Answering Systems
• Building/Site Wiring Fault Indicator to Detect Dangerous Wiring Problems
• Protection Working Indicator to Alert User that Suppressor has been Damaged
• Right-Angle Plug keeps the Plug and Cord Flush to the Wall
• Catastrophic Event Protection • Lifetime Product Warranty
• $10,000 Lifetime Equipment Protection • 320 Joules
BADGER PART NUMBER:
PRO7T

P8T3 NETWORK SURGE ARREST
• 7 AC Outlets Plus 2-Line (4-wire) RJ45 Connection Protection
• Protects Modems, Fax, Answering Systems
• Building/Site Wiring Fault Indicator to Detect Dangerous Wiring Problems
• Protection Working Indicator to Alert User that Suppressor has been Damaged
• Built-in Single Line (2-wire) Protection • 15 Amps Max Current
• Right-Angle Plug Keeps the Plug and Cord Flush to the Wall
• Catastrophic Event Protection • Lifetime Product Warranty
• $25,000 Lifetime Equipment Protection • 480 Joules
BADGER PART NUMBER:
P8T3

PER7 PERSONAL SURGE ARREST
• 7 Outlets Plus 1 Line (2-wire) Protection for RJ11 Connectors
• Protects Modems, Fax, Answering Systems • 240 Joules
• Building/Site Wiring Fault Indicator to Detect Dangerous Wiring Problems
• Wiring Fault Indicator to Detect Dangerous Wiring Problems
• Protection Working Indicator to Alert User that Suppressor has been Damaged
• Catastrophic Event Protection • Lifetime Product Warranty
• $2,500 Lifetime Equipment Protection • 15 Amps Max Current
BADGER PART NUMBER:
PER7

NET9RMBLK RACK-MOUNT SURGE ARREST
• 9 AC Outlets (1 always on) • 15-ft. Power Cord
• Plug-Pull Protection Brackets • Catastrophic Event Protection
• Cord Management • Lighting and Surge Protection
• Noise-Filtering • Protection Working Indicator
• Lifetime Product Warranty
• $25,000 Lifetime Equipment Protection
• 1700 Joules • 15 Amps Max Current
BADGER PART NUMBER:
NET9RMBLK

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products to omissions, typographic errors or misprints.
AUDIOTO-VIDEO SURGE PROTECTION

P6B
Essential A/V Surge Protector, 6-outlet
- 6 AC Outlets • Surge Protection
- Let-Through Voltage< 330
- eP Joule Rating 1080
- Lightning and Surge Protection
- Protection Working Indicator
- Status Indicator LEDs
- $25,000 Lifetime Equipment Protection
- 490 Joules • 15 Amps Max Current
BADGER PART NUMBER: P6B

P7V
Audio/Video Surge Protector-7 Outlet with Coax
- 7 AC Outlets • Let-Through voltage<330
- eP Joule Rating 1080 15 Amps Max Current
- Cable Line Protection • Coax Protection
- IEEE Let-Through rating/UL 1449-Compliance
- Fail-Safe Mode
- Lightning and Surge Protection
- Noise-Filtering • Status Indicator LEDs
- Transformer Block Spacing
BADGER PART NUMBER: P7V

P74
With RJ11 Protection - 4 ft. Cord
P7T
With Modem/Fax/DSL Protection - 7 ft. Cord
With RJ11 Protection (2-wire single line)
Audio/Video Surge Protector-7 Outlet with Coax
- 7 AC Outlets • Let-Through Voltage<330
- Lifetime Equipment Protection Policy up to $25,000
- eP Joule Rating 1080 15 Amps Max Current
- Building Wiring Fault Indicator
- Catastrophic Event Protection
- IEEE Let-Through rating/UL 1449 Compliance
- Lightning and Surge Protection
- Noise-Filtering • Transformer Block Spacing
- P7T offers Modem/Fax/DSL Protection
- P74 has 4 foot cord and P7T has 6 foot cord
BADGER PART NUMBER:
P74 4ft. Cord
P7T 7ft. Cord

PROTECT NET: NETWORK AND PC SYSTEM SURGE PROTECTION

PTEL2R
Modular Dataline Surge Suppression for Network, Telecommunications and PC System Protection
- Dataline Protection, such as Fax/Modem/DSL
- Pins Protected: 1, 2, 3, 4 (RJ-11); 3, 4, 5, 6 (RJ-45) • Peak +/-6000 V
- Breakover Voltage 8 V
BADGER PART NUMBER: PTEL2R

PNOTEPROC8
APC Surge Arrest Notebookpro C8 with TEL/NET 100-240 V
- Reliable power protection for Notebook Computers, Fax and Answering Machines
- Includes: (2) 1.8 Meter Tel Cables, Network Patch Cable, Cord Management Straps, Manual
BADGER PART NUMBER: PNOTEPROC8

P1T
APC Essential Surge Arrest 1 Outlet with TEL 120 V
- Reliable power protection for Notebook Computers, Fax and Answering Machines
- Includes: RJ11 Cable, User Manual
BADGER PART NUMBER: P1T

PNET1GB
Ethernet 10/100/1000 Base-T/Token-Ring Surge Protector (RJ45)
- Protects 100Base-T, 10Base-T and Token-Ring Network Interface Cards, Hubs or LAN Equipment
- Pins Protected: 1-8 on RJ-45 Connector
- Peak Voltage +/-6000 V
- Breakover Voltage 8 V
BADGER PART NUMBER: PNET1GB

PNOTEPROC6
APC Surge Arrest Notebookpro C6 with TEL/NET 100-240 V
- Reliable power protection for Notebook Computers, Fax and Answering Machines
- Includes: (2) 1.8 Meter Tel Cables, Network Patch Cable, Cord Management Straps, Manual
BADGER PART NUMBER: PNOTEPROC6

View our searchable electronic catalog at: www.badgercommunications.com
Audio-Video Solutions for use in Home Theatre Systems

A single component that eliminates all power threats and adds protection to your home theater systems

C2/C TYPE AV power filters
AV C Type 2-Outlet Wall-Mount Power Filter, 120 V
- 2 Always on Outlets • Building wiring fault indicator • Let-Through Voltage<40
- eP Joule Rating 3,400 • Catastrophic Event Protection • Detachable Power Cord
- IEEE let-through ratings and regulatory agency compliance • Lightning and Surge Protection
- Noise-Filtering • Overload Indicator • Protection Working Indicator • Right-Angle Plug

BADGER PART NUMBER:
C2

SMART-UPS XL: Expandable, Extended Runtime Battery Backup

APC Smart-UPS XL Series are designed for mission-critical applications where long runtimes are essential. Telephone PBXs, Servers, Order-Entry PCs and Critical Data Links. Runtime can be added by simply plugging in additional battery packs.
Smart-UPS Rack-Mount Versions are also available.

SMX750
- 6 AC Outlets • DB9 Monitor Port • 24% "Double Boost" Capability
- Transfer Time: 2-4 Milliseconds • Pure Sine Wave Output
- Capacity: 700 V-Amps • 450 Watts • 480 Joules
- Two 12 V, 17 AH Sealed, Lead-Acid, Maintenance-Free Batteries
- Includes PowerChute Plus Software • SmartSlot™ Accessory
- 3-6 year Batteries • Lifetime Warranty
- Card-Compatible
- 57 lbs. • USB Port

BADGER PART NUMBER:
SMX750

SMX2200RMHV2U
- 9 AC Outlets • DB9 Monitor Port • Transfer Time: 2-4 ms
- Pure Sine Wave Output • Output Capacity: 1850 Watts/1850 VA
- 880 Joules • 3-5 Year Batteries • 2-Year Standard Warranty
- 12 V, 17 AH Sealed, Lead-Acid, Maintenance-Free Battery
- Includes PowerChute Plus Software

BADGER PART NUMBER:
SMX2200RMHV2U

SMX1000
- 6 AC Outlets • DB9 Monitor Port
- Transfer Time: 2-4 Milliseconds
- Pure Sine Wave Output • 670 Watts
- Capacity 1000 V-Amps • 480 Joules
- Response Time: <5 ns
- Two 12 V, 17AH Sealed, Lead-Acid, Maintenance-Free Batteries, 3-6 Year
- Lifetime Warranty • 61 lbs.
- Includes PowerChute Plus Software • SmartSlot Accessory Card-Compatible

BADGER PART NUMBER:
SMX1000

SUA48XLBP
48V Battery Pack Tower/Rack Convertible for SUA2200 and SUA3000VA 5U models
(Limit 10 per UPS)

BADGER PART NUMBER:
SUA48XLBP

SUA48RMXLBP3U
48V RM 3U Battery Pack for SUA2200 and SUA3000VA 3U models
(Limit 10 per UPS)

BADGER PART NUMBER:
SUA48RMXLBP3U

SMARTSLIGHT ACCESSORY CARDS

AP9630 UPS Network Management Card
- Remote monitoring and control of an individual UPS by connecting it directly to the network

BADGER PART NUMBER:
AP9630

AP9608 Call – UPS II
- Remote UPS Management Device
- Manage Via Modem

BADGER PART NUMBER:
AP9608

Audio-Video Solutions
by Schneider Electric

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products to omissions, typographic errors or misprints.
**BACK-UPS CS: BATTERY BACK-UP/SURGE PROTECTION**

APC Back-UPS Series offers emergency battery back-up and surge suppression for your entire system with plenty of runtime to ride through momentary power outages or to shut down your system in the event of an extended outage.

**BK350**
For PCs and Small Desktop Systems
- 2 UPS AC Receptacles
- DB9 Serial Interface Port • 210 Watts
- Hot Swappable Batteries
- Transfer Time: 2-4 Milliseconds
- Capacity 350 V-Amps
- Response Time: <5 ns • 16 lbs.
- Alarms and LEDs: On Line, On Battery, UPS Overload, Replace Battery
- Automatic Unattended Shutdown
- One 12 V, 4 AH, Sealed, Lead-Acid, Maintenance-Free Battery

BADGER PART NUMBER: BK350

**BK500**
- For Windows Workstations with Fax/Modem Line Protection
- One 12 V, 4 AH Sealed, Lead-Acid, Maintenance-Free Battery
- 2 UPS Receptacles and 1 Surge-Only Receptacle
- Phone Surge Protection (RJ11 jacks)
- DB9 Serial Interface Port
- Hot Swappable Batteries
- Transfer Time: 2-4 Milliseconds
- Capacity: 500 V-Amps • 330 Watts
- Response Time: <5 ns • 18 lbs
- Alarms and LEDs: On Line, On Battery, UPS Overload, Replace Battery
- Automatic Unattended Shutdown
- Includes PowerChute Plus Software

BADGER PART NUMBER: BK500

**BACK-UPS PRO/BACK-UPS RS: PERFORMANCE BATTERY BACK-UP AND SURGE PROTECTION**

APC Back-UPS Pro Series offers high-performance battery back-up and high-performance surge suppression for Windows 95, 98, and XP. Designed for Telephone Systems and Workstations offering protection for Fax, Modem, Internet and Network Connections.

**BR700G**
Power Saving Back-UPS Pro 700
- Output Power Capacity 420 Watts / 700 VA • LCD • 3 Year Warranty
- Automatic Voltage Regulation (AVR) • Data Line Surge Protection
- 3 Battery Backup & Surge Protected Outlets • 3 Surge Only Outlets
- Auto Shutdown Software:
  - Saves files and shuts down system when battery is low
  - Records utility power and battery conditions
  - Allows for customized set up

BADGER PART NUMBER: BR700G

**SMT Series**
- Alpha/numeric LCD Display • High Efficiency Green Mode
- Network Grade Power Conditioning
- Advanced battery management • Communication Ports
- Switched Outlet Group • Battery disconnect

BADGER PART NUMBER:
- SMT750 500W/750VA
- SMT1000 670W/1000VA
- SMT1500 980W/1500VA

**SMX Series**
- Multi-function LCD status and control console
- High Efficiency Green Mode
- Network Grade Power Conditioning
- Advanced battery management
- Communication Ports • Switched Outlet Group
- Battery disconnect

BADGER PART NUMBER:
- SMX750 500W/750VA
- SMX1000 670W/1000VA
- SMX1500RM2U 980W/1500VA
- SMX1500RM2UNC 980W/1500VA

View our searchable electronic catalog at: www.badgercommunications.com
Back-Ups Pro/Back-Ups RS: Performance Battery Back-Up and Surge Protection

APC Back-Ups Pro Series offers high-performance battery back-up and high-performance surge suppression for Windows 95, 98, and XP. Designed for Telephone Systems and Workstations offering protection for Fax, Modem, Internet and Network Connections.

BE750G
- Output Power Capacity 450 W / 750 VA
- 10 Surge Protected Outlets, 5 with Battery Backup
- Master/Controlled Outlets That Conserve Energy
- Included PowerChute® Safe System Shutdown Software
- Full Dataline Protection • 3 Year Warranty
BADGER PART NUMBER: BE750G

BE650G
- Output Power Capacity 390 W / 650 VA
- 8 Surge Protected Outlets, 4 with Battery Backup
- Included PowerChute Safe System Shutdown Software
- USB Connectivity • Full Dataline Protection
- 3 Year Warranty
BADGER PART NUMBER: BE650G1

BE550G
The ES 550 utilizes an ultra-efficient design that consumes less power during normal operation than any other battery backup in its class.
- Output Power Capacity 330 W / 550 VA
- 8 Surge Protected Outlets, 4 with Battery Backup
- Included PowerChute Safe System Shutdown Software
- Full Dataline Protection
- 3 Year Warranty
BADGER PART NUMBER: BE550G

BE450G
The ES 450 utilizes an ultra-efficient design that consumes less power during normal operation than any other battery backup in its class.
- Output Power Capacity 257 W / 450 VA
- 8 Surge Protected Outlets, 4 with Battery Backup
- Included PowerChute Safe System Shutdown Software
- Full Dataline Protection
- 3 Year Warranty
BADGER PART NUMBER: BE450G

P7GB
Unlike traditional surge protectors, APC's Power-Saving SurgeArrest reduces energy consumption by smartly managing power to electronics while still protecting them from harmful surges and spikes. It helps lower energy bills through the use of Master/Controlled outlets that automatically shut power off to unused peripherals like printers, scanners and speakers when the computer is not in use.
- 7 Outlets • 6 ft Extension Power Cord
- Phone Line Protection Jacks • UL1449’s Toughest Performance Standard of "330V" • Lifetime Warranty and Equipment Protection Policy
BADGER PART NUMBER: P7GB

Back-Ups Pro 500

The Back-Ups Pro 500 provides abundant battery backup power and surge protection for your home networking equipment, specifically designed to keep you connected to the internet during power outages. Unique benefits include user configurable outlets, remote network management via a web browser, and a lithium-ion battery that provides twice the service life of a typical UPS. Providing maximum availability and peace of mind, the Back-Ups Pro 500 is the perfect unit to protect your home network, notebook computer, or business’ productivity from the constant threat of power problems and lost data.

BG500
- Output Capacity 500VA /300 Watts
- 4 total outlets: 2 battery backup & surge / 2 battery optional & surge
- Smart Outlets That are Remotely Managed and individually configured to provide battery backup and/or surge protection
- Telephone dataline surge protection
- 3 Year Warranty
BADGER PART NUMBER: BG500

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### UPS Sizing: Typical Runtime Chart for Avaya Systems

<table>
<thead>
<tr>
<th>PHONE SYSTEM</th>
<th>AMPS</th>
<th>VA</th>
<th>30 MIN.</th>
<th>1 HOUR</th>
<th>2 HOURS</th>
<th>4 HOURS</th>
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<td>BR1300G</td>
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<td>SMX750+1</td>
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</table>

All above backup times are approximate and should be used as a guideline only. Please call for recommended configurations.

### UPS Sizing: Typical Runtime Chart for Panasonic Systems

<table>
<thead>
<tr>
<th>PHONE SYSTEM</th>
<th>AMPS</th>
<th>VA</th>
<th>WATTS</th>
<th>30 MIN.</th>
<th>1 HOUR</th>
<th>2 HOURS</th>
<th>4 HOURS</th>
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<tbody>
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<td>BR1300G</td>
<td>BR1500G</td>
<td>SMX750+1</td>
<td></td>
</tr>
<tr>
<td>Panasonic KX-TDA122x2</td>
<td>4</td>
<td>480</td>
<td>280</td>
<td>SMX750</td>
<td>SMX750+1</td>
<td></td>
<td></td>
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<tr>
<td>Panasonic KX-TVA50</td>
<td>0.75</td>
<td>7</td>
<td>7 (9V)</td>
<td>BR1000G</td>
<td>BR1300G</td>
<td>BR1300G</td>
<td>SMX750</td>
</tr>
<tr>
<td>Panasonic KX-TVA200</td>
<td>1.38</td>
<td>57</td>
<td>57 (40V)</td>
<td>BR1000G</td>
<td>BR1300G</td>
<td>BR1300G</td>
<td>SMX750</td>
</tr>
<tr>
<td>Panasonic KX-NVC200</td>
<td>1.38</td>
<td>57</td>
<td>57 (40V)</td>
<td>BR1000G</td>
<td>BR1300G</td>
<td>BR1300G</td>
<td>SMX750</td>
</tr>
<tr>
<td>Panasonic KX-TCV57</td>
<td>0.4</td>
<td>48</td>
<td>20</td>
<td>BR1000G</td>
<td>BR1300G</td>
<td>BR1300G</td>
<td>SMX750</td>
</tr>
<tr>
<td>Panasonic KX-TCV100</td>
<td>0.4</td>
<td>48</td>
<td>38</td>
<td>BR1000G</td>
<td>BR1300G</td>
<td>BR1300G</td>
<td>SMX750</td>
</tr>
<tr>
<td>Panasonic KX-TCV200</td>
<td>0.7</td>
<td>84</td>
<td>57</td>
<td>BR1300G</td>
<td>BR1300G</td>
<td>BR1300G</td>
<td>SMX750</td>
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<tr>
<td><strong>Panasonic KX-T336100:</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<td></td>
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<tr>
<td>1 Cabinet</td>
<td>672</td>
<td>W</td>
<td></td>
<td>SU1000+1</td>
<td>SMX48RMBP2U</td>
<td>SMX1000+2</td>
<td></td>
</tr>
<tr>
<td>2 Cabinet</td>
<td>1288</td>
<td>W</td>
<td></td>
<td>SU2000XNET+1</td>
<td>SU48XLB</td>
<td>SMX1000+2</td>
<td></td>
</tr>
</tbody>
</table>

### UPS Sizing: Typical Runtime Chart for Panasonic Voice Mail

<table>
<thead>
<tr>
<th>PHONE SYSTEM</th>
<th>AMPS</th>
<th>VA</th>
<th>30 MIN.</th>
<th>1 HOUR</th>
<th>2 HOURS</th>
<th>4 HOURS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panasonic KX-T5000 with KX-T51232</td>
<td>2.7</td>
<td>324</td>
<td>BR1300G</td>
<td>SMX750+1</td>
<td></td>
<td></td>
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<tr>
<td>with KX-T51232x2</td>
<td>4.7</td>
<td>564</td>
<td>SMX750+1</td>
<td>SMX48RMBP2U</td>
<td></td>
<td></td>
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<tr>
<td>Panasonic KX-T5000 or KX-T575 with KX-T51232/T51232x2</td>
<td>2.4</td>
<td>288</td>
<td>BR1300G</td>
<td>SMX750+1</td>
<td></td>
<td></td>
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<tr>
<td>with KX-T512321D</td>
<td>1.8</td>
<td>216</td>
<td>BR1300G</td>
<td>SMX750+1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panasonic KX-T5200 with KX-T51232</td>
<td>3.4</td>
<td>247</td>
<td>BR1300G</td>
<td>SMX750+1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>with KX-T51232x2</td>
<td>5.4</td>
<td>537</td>
<td>SMX750+1</td>
<td>SMX48RMBP2U</td>
<td></td>
<td></td>
</tr>
<tr>
<td>with KX-T5100</td>
<td>6.5</td>
<td>280</td>
<td>SMX750+1</td>
<td>SMX48RMBP2U</td>
<td></td>
<td></td>
</tr>
<tr>
<td>with KX-T5200</td>
<td>6.5</td>
<td>478</td>
<td>SMX750+1</td>
<td>SMX48RMBP2U</td>
<td></td>
<td></td>
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<tr>
<td>with KX-T5600</td>
<td>6.5</td>
<td>409</td>
<td>SMX750+1</td>
<td>SMX48RMBP2U</td>
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<td></td>
</tr>
</tbody>
</table>

View our searchable electronic catalog at: www.badgercommunications.com
**SUM1500RMXL2U**

Smart-UPS XL 120 V Output/120 V Input
- 1500 VA/1425 W • Input 120 V/Output 120 V
- Interface Port DB-9 RS-232 • Smart Slot • USB
- Extended Runtime Model
- Rack Height 2 U

BADGER PART NUMBER: SUM1500RMXL2U

---

**SUM3000RMXL2U**

Smart-UPS XL 120V Output/120V Input
- 3000 VA/2850 W • Input 120 V/Output 120 V
- Interface Port DB-9 RS-232 • Smart Slot • USB
- Extended Runtime Model
- Rack Height 2 U

BADGER PART NUMBER: SUM3000RMXL2U

---

**SURTA1500RMXL2U**

Smart-UPS RT 1500VA Rack Tower 120V
- 1500 VA/1050 W • Input 120 V/Output 120 V
- Interface Port DB-9 RS-232 • Smart Slot • USB
- Extended Runtime Model • Rack Height 2 U

BADGER PART NUMBER: SURTA1500RMXL2U

---

**SURTA2200RMXL2U**

Smart-UPS RT 2000VA Rack Tower 120V
- 2000 VA/1400 W • Input 120 V/Output 120 V
- Interface Port DB-9 RS-232 • Smart Slot • USB
- Extended Runtime Model • Rack Height 2 U

BADGER PART NUMBER: SURTA2200RMXL2U

---

**SURTD3000RMXLT3U**

Smart-UPS RT 3000VA RM 208V
- 3000 VA/2100 W • Input 208 V/Output 208 V • Rack Height 3 U
- Interface Port Smart Slot • Extended Runtime Model

BADGER PART NUMBER: SURTD3000RMXLT3U

---

**SURTD5000RMXLT3U**

Smart-UPS RT 5000VA RM 208V
- APC Smart-UPS On-Line • 500 Watts / 5000 VA
- Input 208V / Output 208V • Interface Port RJ-45 10/100 Base-T
- SmartSlot • Extended runtime model • Rack Height 3 U
- Includes: CD with software, Rack Mounting support rails, Smart UPS signalling RS-232 cable, User Manual

BADGER PART NUMBER: SURTD5000RMXLT3U

---

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products to omissions, typographic errors or misprints.
APC Smart-UPS RT is a family of high-density, performance UPSs for voice data networks, medical labs and light industrial applications. Featuring double-conversion, on-line topology, the Smart-UPS RT protects your data by supplying reliable network-grade power.

**APC Smart-UPS RT**

- **Performance Power Protection Series**

**SURTA3000RMXL3U**
- Smart-UPS RT 3000VA Rack Tower 120V
  - 3000 VA/2100 W • Input 120 V/Output 120 V
  - Interface Port DB-9 RS-232 • Smart Slot
  - Extended Runtime Model • Rack Height 3 U

**BADGER PART NUMBER:** SURTA3000RMXL3U

**SURT8000RMXT6U**
- Smart-UPS RT 8000VA Rack Tower 208V
  - 8000 VA/6400 W • Input 208 V/Output 208 V
  - Interface Port DB-9 RS-232 • RJ-45 10/100 Base-T
  - Smart Slot • Extended Runtime Model • Rack Height 6 U

**BADGER PART NUMBER:** SURT8000RMXT6U

**SURT6KRMXL3U-TF5**
- Smart-UPS RT 6KVA RM 208V w/ 208V to 120V 2U
  - 6000 VA/4200 W • Input 208 V/Output 120 V, 208 V
  - Extended Runtime Model • Rack Height 5 U

**BADGER PART NUMBER:** SURT6KRMXL3U-TF5

**SURTD3KRXL3U-T5F**
- Smart-UPS RT 3000VA RM 208V w/ 208V to 120V 2U
  - 3000 VA/2100 W • Input 208 V/Output 120 V, 208 V
  - Interface Port Smart Slot • Extended Runtime Model
  - Rack Height 5 U

**BADGER PART NUMBER:** SURTD3KRXL3U-T5F

**SURT8KRMXL6U-TF5**
- Smart-UPS RT 8KVA RM 208V w/ 208V to 120V 2U
  - 8000 VA/6400 W • Input 208 V/Output 120 V, 208 V
  - Interface Port DB-9 RS-232 • RJ-45 10/100 Base-T
  - Smart-Slot • Extended Runtime Model • Rack Height 8 U

**BADGER PART NUMBER:** SURT8KRMXL6U-TF5

**SURT8KRMXL6U**
- Smart-UPS RT 8000VA Rack Tower 208V
  - 8000 VA/6400 W • Input 208 V/Output 208 V
  - Interface Port DB-9 RS-232 • RJ-45 10/100 Base-T
  - Smart Slot • Extended Runtime Model • Rack Height 6 U

**BADGER PART NUMBER:** SURT8KRMXL6U

View our searchable electronic catalog at: www.badgercommunications.com
**Smart UPS: On-Line Series**

**SRT5KXLT**
APC Smart-UPS SRT 5000VA 208V
- 4250 Watts / 5000 VA • Input 208V/Output 208V
- Interface Port Contact Closure • RJ-45 10/100 Base-T
- RJ-45 Serial • Smart-Slot • USB • Extended runtime model
- Includes: CD with software, Documentation CD, Installation guide, Removable support feet, Temperature Probe, USB cable, Warranty card

**BADGER PART NUMBER:** SRT5KXLT

---

**SRT6KXLT**
APC Smart-UPS SRT 6000VA 208V
- APC Smart-UPS On-Line • 6000 Watts /6000 VA
- Input 208V /Output 208V • Extended runtime model
- Includes: CD with software, Documentation CD, Installation guide, Removable support feet, Temperature Probe, USB cable, User Manual, Warranty card

**BADGER PART NUMBER:** SRT6KXLT

---

**SRT8KXLT**
APC Smart-UPS SRT 8000VA 208V
- APC Smart-UPS On-Line • 8000 Watts /8000 VA
- Input 208V /Output 208V • Interface Port Contact Closure • RJ-45 10/100 Base-T • RJ-45 Serial • Smart-Slot
- USB • Extended runtime model
- Includes: CD with software, Documentation CD, Installation guide, Temperature Probe, USB cable, Warranty card

**BADGER PART NUMBER:** SRT8KXLT

---

**SRT10KXLT**
APC Smart-UPS SRT 10000VA 208V
- APC Smart-UPS On-Line • 10 kW /10 kVA • Input 208V /Output 208V • Interface Port Contact Closure • RJ-45 10/100 Base-T • RJ-45 Serial, Smart-Slot, USB, Extended runtime model
- Includes: CD with software, Documentation CD, Installation guide, Temperature Probe, USB cable, Warranty card

**BADGER PART NUMBER:** SRT10KXLT

---

**SRT5KRMLT**
APC Smart-UPS SRT 5000VA RM 208V
- APC Smart-UPS On-Line • 4250 Watts /5000 VA
- Input 208V /Output 208V • Interface Port Contact Closure • RJ-45 10/100 Base-T • RJ-45 Serial • Smart-Slot
- USB • Extended runtime model • Rack Height 3 U
- Includes: Documentation CD, Rack Mounting brackets, Rack mounting hardware, Rack Mounting support rails, USB cable, User Manual, Warranty card

**BADGER PART NUMBER:** SRT5KRMLT

---

**SRT6KRMLT**
APC Smart-UPS SRT 6000VA RM 208V
- APC Smart-UPS On-Line • 6000 Watts /6000 VA
- Input 208V /Output 208V • Interface Port Contact Closure • RJ-45 10/100 Base-T • RJ-45 Serial • Smart-Slot
- USB • Extended runtime model • Rack Height 4 U
- Includes: CD with software, Documentation CD, Installation guide, Rack Mounting brackets, Rack mounting hardware, Rack Mounting support rails, Temperature Probe, USB cable, Warranty card

**BADGER PART NUMBER:** SRT6KRMLT

---

**SRT8KRMLT**
APC Smart-UPS SRT 8000VA RM 208V
- APC Smart-UPS On-Line • 8000 Watts /8000 VA
- Input 208V /Output 208V • Interface Port Contact Closure • RJ-45 10/100 Base-T • RJ-45 Serial • Smart-Slot
- USB • Extended runtime model • Rack Height 6 U
- Includes: CD with software, Documentation CD, Installation guide, Rack Mounting brackets, Rack mounting hardware, Rack Mounting support rails, Temperature Probe, USB cable, Warranty card

**BADGER PART NUMBER:** SRT8KRMLT

---

**SRT10KRMLT**
APC Smart-UPS SRT 10000VA RM 208V
- APC Smart-UPS On-Line • 10 kW /10 kVA • Input 208V /Output 208V • Interface Port Contact Closure • RJ-45 10/100 Base-T • RJ-45 Serial • Smart-Slot • USB • Extended runtime model • Rack Height 6 U
- Includes: CD with software, Documentation CD, Installation guide, Rack Mounting brackets, Rack mounting hardware, Rack Mounting support rails, Temperature Probe, USB cable, Warranty card

**BADGER PART NUMBER:** SRT10KRMLT

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Engineered to deliver the highest level of business continuity possible, the Symmetra LX uses a modular, redundant architecture that can scale power and run time as demand increases or when higher levels of availability are required. Advancements in the next generation design greatly decrease foot-print U-space needed in an equipment rack, increase speed and ease of deployment and reduce repair time. With built-in network manageability and a comprehensive portfolio available from 4-16kVA N+1, the on-line Symmetra LX is the choice to protect high-performance IT and telecom equipment in computer rooms and small data centers.

**Features:**
- Modular Design
- Configurable for N+1 Internal Redundancy
- Hot-swappable Intelligence Modules
- Power Protection / UPS
- Input Power Factor Correction
- Generator-Compatible
- Cold-start-Capable
- Resettable Circuit Breakers

**Protection:**
- Power Conditioning
- Frequency and Voltage Regulation
- Input Power Factor Correction
- Generator-Compatible
- Cold-start-Capable
- Resettable Circuit Breakers

Fast service ability and reduced maintenance requirements via self-diagnosing modules provides high-availability through redundancy allowing configuration with power module ensures clean, uninterrupted power to protected equipment protects connected loads from surges, spikes and other power disturbances preserves battery life and maximizes runtime through correction of frequency and voltage minimizes installation cost by enabling use of smaller generators and cabling ensures clean, uninterrupted power to loads in the event of an extended outage provides temporary battery power when the utility power is out enables quick recovery from UPS overload events

**208/240 V input, 208/240 V and 120 V Output Symmetra Models**

**BADGER PART NUMBER:**
- SYA4K8RMP  APC Symmetra LX 4k VA Scalable to 8k VA N+1 Rack-Mount
- SYA8K16RMP  APC Symmetra LX 8k VA Scalable to 16k VA N+1 Rack-Mount
- SYA8K8RMP  APC Symmetra LX 8k VA Scalable to 8k VA N+1 Rack-Mount
- SYA12K16RMP  APC Symmetra LX 12k VA Scalable to 16k VA N+1 Rack-Mount
- SYA16K16RMP  APC Symmetra LX 16k VA Scalable to 16k VA N+1 Rack-Mount
- SYA4K8P  APC Symmetra LX 4k VA Scalable to 8k VA N+1 Tower
- SYA8K16PXR  APC Symmetra LX 8k VA Scalable to 16k VA N+1 Extended Run Tower
- SYA8K8P  APC Symmetra LX 8k VA Scalable to 8k VA N+1 Tower
- SYA12K16P  APC Symmetra LX 12k VA Scalable to 16k VA N+1 Tower
- SYA12K16PXR  APC Symmetra LX 12k VA Scalable to 16k VA N+1 Extended Run Tower
- SYA16K16P  APC Symmetra LX 16k VA Scalable to 16k VA N+1 Tower
- SYA16K16PXR  APC Symmetra LX 16k VA Scalable to 16k VA N+1 Extended Run Tower

(1) Symmetra LX 8 to 16k VA N+1 Tower
(2) Symmetra LX 8 to 16k VA N+1 Extended Run Tower
(3) Symmetra LX 4 to 16k VA N+1 Tower (SYA8K16PXR; SYA12K16P; SYA16K16P) (SYA8K16PXR; SYA12K16PXR; SYA16K16PXR) (SYA4K8P; SYA8K8P)
(4) Symmetra LX 8 to 16k VA N+1 Rack-Mount
(5) Symmetra LX 4 to 8k VA N+1 Rack-Mount (SYA8K16RMP; SYA12K16RMP; SYA16K16RMP) (SYA4K8RMP; SYA8K8RMP)

Contact Your @beecpSales Representative for Pricing and Configuration on All Symmetra LX Products

View our searchable electronic catalog at: www.badgercommunications.com
CAT6-75
• UL-Listed for Primary (497) and Isolated Loop (497B)
• Solid State provides fastest response time (1-5 nanoseconds)
• Exceeds TIA/EIA Standards 568 and 758 for CAT6 performance
• 75-Volt clamping levels
• 110 punchdown termination
• Lifetime product warranty
BADGER PART NUMBER:
CAT6-75

CAT6-75 110/RJ45
• UL listed for Primary (497) and Isolated Loop (497B) applications
• Solid-state protection for fastest response
• Exceeds TIA/EIA Standards 568 and 758 for CAT6 performance
• Expandable System Protection
• 75-Volt clamping levels
• 110 punchdown termination
• Lifetime product warranty
BADGER PART NUMBER:
CAT6-75 110/RJ45

CAT6-LAN-RJ45
• UL listed for Primary (497) and Isolated Loop (497B) applications
• Solid-state protection for fastest response
• Exceeds TIA/EIA Standards 568 and 758 for CAT6 performance
• Expandable System Protection
• 16-Volt clamping levels
• RJ45 in and out termination
• Lifetime product warranty
BADGER PART NUMBER:
CAT6-LAN-RJ45

CAT6-235
• UL listed for Primary (497) and Isolated Loop (497B) applications
• Solid-state protection for fastest response
• Exceeds TIA/EIA Standards 568 and 758 for CAT6 performance
• Expandable System Protection
• 235-Volt clamping levels
• RJ45 in and out termination
• Lifetime product warranty
BADGER PART NUMBER:
CAT6-235

CAT6-235 RJ45
• UL listed for Primary (497) and Isolated Loop (497B) applications
• Solid-state protection for fastest response
• Exceeds TIA/EIA Standards 568 and 758 for CAT6 performance
• Expandable System Protection
• 235-Volt clamping levels
• RJ45 in and out termination
• Lifetime product warranty
BADGER PART NUMBER:
CAT6-235 RJ45

CAT6A-LAN
• UL listed for Primary (497) and Isolated Loop (497B) applications
• Solid-state protection for fastest response
• Exceeds TIA-568-B.2-10 transmission performance criteria for connecting hardware
• Solid-state protection for fastest response
• For use in 10G BASE T network applications
• Expandable System Protection
• 16-Volt clamping levels
• 110 punchdown termination
• Lifetime product warranty
BADGER PART NUMBER:
CAT6A-LAN
CAT6-LAN-MM/CAT6-75-MM

- UL Listing pending
- Exceeds TIA/EIA Standards 568 and 758 for CAT 6 performance
- Solid-state protection provides the fastest response to transient voltages (1-5 nanoseconds) by quickly diverting damaging surges to ground
- Use between buildings in a campus environment as a building entrance protector or in hostile industrial applications as an isolated loop protector
- RJ45 input to RJ45 output
- Suggested Applications Include: Security cameras, PoE, Phone Systems, Ethernet, and VoIP
- Available in 16v and 75 v clamping voltage

BADGER PART NUMBER:
CAT6-LAN-MM
CAT6-75-MM

IP/NORMAL NETWORK CAMERA SURGE PROTECTION

SurgeGate Protectors:
- RM-12MPVD (Housing)
- RM-6MPVD
- RM12-CAT5-LAN
- RM12-CAT6-LAN
- RM12-CAT5-75/POE
- RM12-CAT6-75/POE
- RM12-CAT5-235
- RM12-CAT6-235

RM-6MPVD
- UL listed for Primary (497) and Isolated Loop (497B) applications
- Exceeds TIA/EIA Standards 568 and 758 for CAT5e performance
- Solid-state protection provides the fastest response to transient voltages (1-5 nanoseconds) by quickly diverting damaging surges to ground
- Use between buildings in a campus environment as a building entrance protector or in hostile industrial applications as an isolated loop protector
- Up to 12 individual and replaceable port module
- RJ45 input to RJ45 output
- Single-height rack mountable chassis (1U)
- Signal Perfect for signal line protection

BADGER PART NUMBER:
RM-6MPVD

View our searchable electronic catalog at: www.badgercommunications.com
RM-12MPVD
- UL listed for Primary (497) and Isolated Loop (497B) applications
- Exceeds TIA/EIA Standards 568 and 758 for CAT5e performance
- Solid-state protection provides the fastest response to transient voltages (1-5 nanoseconds) by quickly diverting damaging surges to ground
- Use between buildings in a campus environment as a building entrance protector or in hostile industrial applications as an isolated loop protector
- Up to 12 individual and replaceable port module
- RJ45 input to RJ45 output
- Single-height rack mountable chassis (1U)
- Signal Perfect for signal line protection
BADGER PART NUMBER: RM-12MPVD

SurgeGate M4KSU
- 4 protected, transformer-spaced, AC power outlets
- SurgeGate Plus™ Circuitry
- AC Master On/Off Switch
- Lifetime Product and Connected Equipment Warranty
BADGER PART NUMBER: M4KSU

SurgeGate M4L-POE
- Protection for one PoE line RJ-45
- SurgeGate Plus™ Circuitry
- 4 protected, transformer-spaced, AC power outlets
- SignalPerfect™ Circuitry
- AC Master On/Off Switch
- Lifetime Product and Connected Equipment Warranty
BADGER PART NUMBER: M4L-POE

GRM0600
- Eight protected AC power outlets
- Protect or Disconnect Circuitry
- Front panel circuit breaker
- Power indication light
- Single-height rack mountable chassis (1U)
- 10-foot power cord
- Lifetime Product Warranty
BADGER PART NUMBER: GRM0600

M8KSU
- AC protection for telecom systems
- Eight switched AC power outlets
- Diagnostic indicator lights (four)
- Expandable protection using SurgeGate Modules
- SurgeGate™ Plus Circuitry
- EMI / RFI noise filtration
- Eight foot power cord with right angle plug
BADGER PART NUMBER: M8KSU

M8COM
- AC protection for telecom systems
- Eight switched AC power outlets
- Telephone protection for 4 voice or DSL line
- T1 protection for one T1 or LL line
- LAN protection for one 10/100BASE-T Ethernet line
- Diagnostic indicator lights (four)
- EMI/RFI noise filtration
- SurgeGate™ Plus Circuitry
- Expandable protection using SurgeGate Modules
- Eight foot power cord with right angle plug
BADGER PART NUMBER: M8COM

MultiLine Cat5 (B.E.P.)

ML25-CAT5 - 235 (235 V Clamp), ML25-CAT5 - LAN (16 V Clamp)
- 25 pr. CAT5E-rated B.E.P. • 110 connectors I/O • Wall Mount
- LAN/VoIP Campus application • UL Listed Primary and Isolated Loop
BADGER PART NUMBER:
ML25-CAT5 - 235 ML25-CAT5 - 235 (235 V Clamp)
ML25-CAT5 - LAN ML25-CAT5 - LAN (16 V Clamp)

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
UltraLinx (Custom Protection for Large PBX/KSU Systems over 50 Lines)

- Pair-by-Pair customized protection for large PBX and KSU systems with 66 Blocks
- UL Listed for Primary Applications (497) - UL Listed for Secondary Applications (497A)
- Solid-State protection provides the fastest response time (1-5 ns)
- Single-Pair Protection for Scalability
- Sneak Current Protection
- LEDs to indicate Protection OK and Ground OK (for 66 Block only)

UltraLinx 66 Block Protection

<table>
<thead>
<tr>
<th>BADGER PART NUMBER:</th>
<th>27 V Clamp</th>
<th>39 V Clamp</th>
<th>75 V Clamp</th>
<th>235 V Clamp</th>
<th>Includes:</th>
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<tbody>
<tr>
<td>UP3P-27</td>
<td>UP3P-39</td>
<td>UP3P-75</td>
<td>UP3P-235</td>
<td>160 mA Self-Reset PTC</td>
<td></td>
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<tr>
<td>UP3B-27</td>
<td>UP3B-39</td>
<td>UP3B-75</td>
<td>UP3B-235</td>
<td>350 mA Fuse</td>
<td></td>
</tr>
</tbody>
</table>

Grounding Accessory

Ground Bar and Screw Lug

- The 66 Black ground bus bar is required for use with all UltraLinx protectors to provide the necessary ground connection from each protected pair to the Single Point Equipment Ground
- One MGB/SGL-1 is required per installation of 1 to 25 protected pairs
- Each bar is scored for breaking into smaller pieces for use with less than 25 pairs
- A screw ground lug is also provided for connecting a single point ground

BADGER PART NUMBER:
MGBSGL-1

Modular Protection - Telco Circuit Protection

Features:

- Auto-Resetting Technology—PTC resistors open when a surge occurs, protecting your equipment, but unlike fuses, the PTCs close again once the surge passes. Less downtime, and less service calls.
- Expandable System Protection—SurgeGate Series Base Units and Modules can be attached to expand system protection as your system grows.
- Lifetime Product Warranty
- $50,000 Connected Equipment Warranty—This ITW Linx product will protect your equipment or we will repair or replace it up to $50,000!

BADGER PART NUMBER:
MCO4

Description:
Protects up to 4-wires (2-pairs) using RJ-11/45 connectors (2 In/2 Out, Pins 3 & 6 and 4 & 5 protected)

MCO4X4

Protects up to 4-wires (2-pairs) using RJ-11/45 connectors, one line protected per jack (pins 4, 5)

MCO25

Protects 25-pairs using RJ-21X (Amphenol) connectors (pins 1–50, Male In / Female Out). Height: 5.87”

MCO4110

Protects up to 8-wires (4-pairs) using 110 punchdown block on the input and 110 punchdown block or four RJ-11 or two RJ-45 on the Output. Width: 5.87”

MCO8110

Protects up to 16-wires (8-pairs) using 110 punchdown block on the Input and 110 punchdown block on the Output. Width: 5.87”

MDS25

Protects up to 25 2-wire or up to 12 4-wire digital stations lines using RJ-21X (Amphenol) connectors (pins 1–50, Male In / Female Out). Height: 5.87” Clamping Level 110V (T-G, R-G, T-R)

MLLT1

Protects up to one T1 or ISDN line per port using RJ-48C/48S connectors. T1/LL—2-pairs (pins 1, 2 & 4, 5); ISDN—BRI/PRI compatible. Clamping Level: 70V; Wires Protected: 4-wires, 2-pairs per jack (pins 1, 2 & 4, 5)

View our searchable electronic catalog at: www.badgercommunications.com
Surges can get into your system from any metallic pathway (wire) and from any direction. AC power lines, analog (voice) lines, digital lines, data lines and even grounding wires can carry a surge into your system and damage or destroy key components. Make sure all pathways including AC, digital, analog and data lines connected to your system pass through the appropriate SurgeGate unit. This establishes a common ground reference for the entire system per IEEE recommendations. Failure to protect all lines/wires will weaken the protection and void the connected equipment protection policy. Please see policy documentation terms and conditions.

- If there are any wires that run outside the building or between buildings, they must have primary protectors at the building entrance, per NEC or application code, and secondary SurgeGate protectors at the point of equipment (Remote Building).
- Signal or control lines from AC-powered operator-consoles or station sets must pass through additional PowerMAX modules if the console is not plugged into the SurgeGate 4 KSU protector installed at the KSU or PBX.
- Peripheral devices (call accounting printers or terminals, voicemail PCs, faxes, dial-up modems) connected to your KSU/PBX with a data/voice connection must establish a common ground with the protector at the KSU/PBX. This is done either by plugging that peripheral device's power into the SurgeGate AC protector if possible, or connecting the signal line going to that device from the KSU/PBX through the appropriate SurgeGate module.
- Outside paging horns, bell ringers or other attachments must pass through a SurgeGate SCL/8 module or other appropriate SurgeGate protector at the KSU PBX.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>4/8 outlet</th>
<th>2 outlet</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4KSU/M8KSU/M8COM</td>
<td>M2T</td>
<td>UL 1363, 1449</td>
</tr>
<tr>
<td>Agency Approval</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>LED Indicators</td>
<td>Uses Electrical AC Ground</td>
<td>Uses Electrical AC Ground</td>
</tr>
<tr>
<td>Grounding Requirements</td>
<td>Lifetime</td>
<td>Lifetime</td>
</tr>
<tr>
<td>Product Warranty</td>
<td>Up to $50,000</td>
<td>3.5&quot;/5.5&quot;/2&quot;/0.74 lbs</td>
</tr>
<tr>
<td>Connected Equipment Warranty</td>
<td>Width / Height / Depth / Weight</td>
<td></td>
</tr>
</tbody>
</table>

---

**AC POWER PROTECTION:**

- Thermal Fusing: Yes
- Catastrophic Surge Circuit: Yes
- Overvoltage Voltage Shutoff: 147V ±8V
- Undervoltage Voltage Shutoff: 87V ±8V
- Single Pulse Energy Dissipation: 1650 Joules
- Peak Impulse Current: 52,000 A
- EMI/RFI Noise Filtration: 50db (99.7%) (50/60Hz)
- Line Voltage: 120V (50/60Hz)
- Initial Clamping Level: 200V Peak, 141 Rms
- UL 1449 Rating: 330V
- Protection Modes: L-N, L-G, N-G
- Maximum Current Rating: 15A (1800W)
- Response Time: 1–5 Nanoseconds
- Number of Outlets: 2

---

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
## SIGNAL LINE SURGE PROTECTION:

<table>
<thead>
<tr>
<th>TELCO CIRCUIT PROTECTION (if included)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal Perfect Circuitry</td>
<td>Yes</td>
</tr>
<tr>
<td>Fuseless/Auto-Resettable</td>
<td>Yes</td>
</tr>
<tr>
<td>Clamping Level</td>
<td>260V</td>
</tr>
<tr>
<td>Response Time</td>
<td>1–5 Nanoseconds</td>
</tr>
<tr>
<td>Capacitance</td>
<td>&lt;50pF</td>
</tr>
<tr>
<td>Suppression Modes</td>
<td>Metallic &amp; Longitudinal</td>
</tr>
<tr>
<td>Wires Protected</td>
<td>2-wire, 1-pair (pins 3, 4)</td>
</tr>
<tr>
<td>Termination Type</td>
<td>RJ-11</td>
</tr>
</tbody>
</table>

### SIGNAL LINE SURGE PROTECTION (Telco & T1/LL)

|  |
|--------------------------------------|---|
| Signal Perfect Circuitry/Fuseless    | Yes |
| Clamping Level (TELCO)/(T1/LL)       | 260V/70V |
| Response Time                        | 1–5 Nanoseconds |
| Capacitance (TELCO)/(T1/LL)          | <50pF |
| Suppression Modes                    | Metallic & Longitudinal |
| Wires Protected (TELCO)              | 1 pair per jack, total 5 Telco jack (pins 4, 5) |
| Termination Type (TELCO)             | RJ-11/45 |
| (T1/LL)                               | RJ-45 |

### LAN CIRCUIT PROTECTION (if included)

|  |
|--------------------------------------|---|
| Signal Perfect Circuitry             | Yes |
| Fuseless/Auto-Resettable             | Yes |
| Performance Rating                   | Category 5 |
| Clamping Level                       | 7V |
| Response Time                        | 1–5 Nanoseconds |
| Wires Protected                      | 8-wires (pins 1–8) |
| Termination Type                     | RJ-45 |

---

**2-outlet**

Model M2T 2-outlet AC protector, with Protect or Disconnect circuitry and integrated cable management. Plus protection for one telephone or DSL line.

**4-outlet**

Base unit Model M4KSU features four switched AC power outlets.

**8-outlet**

Base unit Model M8KSU features eight AC power outlets.

**8-outlet**

Model M8COM adds telephone protection for four voice or DSL lines; T1 protection for one T1 or LL line; LAN protection for one 10/100BASE-T Ethernet line.

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View our searchable electronic catalog at: [www.badgercommunications.com](http://www.badgercommunications.com)
EnTrust: Line-Interactive UPS/Surge Protector

Entrust Series incorporates line interactive UPS technology with Automatic Voltage Regulator (AVR). They have 4 UPS outlets, 4 surge-only outlets, including 2 transformer-friendly spaced outlets, perfect for AC adapters. Entrust Series has fax/modem/network protection.

**ETR550LCD**
- 550VA/330W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 15 lbs.
- **BADGER PART NUMBER:** ETR550LCD

**ETR700LCD**
- 700VA/420W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 17 lbs.
- **BADGER PART NUMBER:** ETR700LCD

**ETR1000LCD**
- 1000VA/600W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 24 lbs.
- **BADGER PART NUMBER:** ETR1000LCD

**ETR1500LCD**
- 1500VA/900W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 27 lbs.
- **BADGER PART NUMBER:** ETR1500LCD

**ETR550LCD**
- 550VA/330W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 15 lbs.
- **BADGER PART NUMBER:** ETR550LCD

**ETR700LCD**
- 700VA/420W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 17 lbs.
- **BADGER PART NUMBER:** ETR700LCD

**ETR1000LCD**
- 1000VA/600W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 24 lbs.
- **BADGER PART NUMBER:** ETR1000LCD

**ETR1500LCD**
- 1500VA/900W • Runtime: 12 min at Half / 3 Min at Full Load • Automatic Voltage Regulation (AVR) - Independent Battery Bypass • USB Port - 4 UPS/4Surge Receptacles - 27 lbs.
- **BADGER PART NUMBER:** ETR1500LCD

Warranty on ETR’s: Three-year warranty for electronics (2-year warranty for internal batteries).

For UPS sizing assistance, please go to: [http://www.sizeups.com/2544.html](http://www.sizeups.com/2544.html)

Pro-RT Rack Tower Series

**PRO1000RT**
- 1000 VA/700W • 120 VAC line-interactive UPS with 6 battery backup/surge outlets
- 2 surge-only outlets • USB and RS232 communication ports
- SentryPlus power management software and diagnostic software, and fax/modem/network line surge protection • 3 year warranty, including batteries
- LCD Status display (shows power status, UPS and gateway status, tests runtime)
- **BADGER PART NUMBER:** PRO1000RT

**PRO1500RT**
- 1500 VA/1050W • 120 VAC line-interactive UPS with 6 battery backup/surge outlets
- 2 surge-only outlets • USB and RS232 communication ports
- SentryPlus power management software and diagnostic software, and fax/modem/network line surge protection
- 3 year warranty, including batteries
- LCD Status display (shows power status, UPS and gateway status, tests runtime)
- **BADGER PART NUMBER:** PRO1500RT
Complete family of surge products to meet wide range of needs. All units are UL1449-certified, and all carry a limited lifetime warranty.

**BADGER PART NUMBER:**

<table>
<thead>
<tr>
<th>BADGER PART NUMBER</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MMS110</td>
<td>Single-outlet space-saving wall-tap surge suppressor 540 joules</td>
</tr>
<tr>
<td>MMS130C</td>
<td>3-outlet space-saving wall-tap surge suppressor 1080 joules</td>
</tr>
<tr>
<td>MMS130RC</td>
<td>3-outlet space saving side-mounted wall-tap surge suppressor, Coax, 180 joules</td>
</tr>
<tr>
<td>MMS362P</td>
<td>6-outlet surge strip 2-pack 241 joules</td>
</tr>
<tr>
<td>MMS370</td>
<td>7-outlet surge strip with child safety sliders 1080 joules</td>
</tr>
<tr>
<td>MMS370T</td>
<td>7-outlet surge strip with RJ11 child safety sliders 1440 joules</td>
</tr>
<tr>
<td>MMS660S</td>
<td>6-outlet space saving slim wall-tap, 1080 joules</td>
</tr>
<tr>
<td>MMS664S</td>
<td>6-outlet slim surge strip, 1080 joules, 4-foot powercord</td>
</tr>
<tr>
<td>MMS686SCT</td>
<td>8-outlet slim surge strip, 3420 joules, 6-foot powercord</td>
</tr>
<tr>
<td>MMS760RCT</td>
<td>6-rotating outlet wall-tap surge suppressor with Coax, RJ11 and 2160 joules</td>
</tr>
<tr>
<td>MMS780R</td>
<td>8-outlet surge strip with 6-rotating outlets, 7 ft. cord 2160 joules</td>
</tr>
<tr>
<td>MMS7100RT</td>
<td>10-outlet surge strip with 5-rotating outlets, RJ11 2880 joules, 7 ft. power cord</td>
</tr>
<tr>
<td>MMS7120RCT</td>
<td>12-outlet surge strip with 8-rotating outlets, Coax, RJ11/RJ45, 4320 joules, 9 ft. power cord</td>
</tr>
<tr>
<td>MMS570</td>
<td>Ruggedized 7-outlet surge strip with 9 ft. power cord, 1440 joules</td>
</tr>
</tbody>
</table>

**EnSpire: UPS & Surge Protection**

Stand-by UPS technology with 3 UPS outlets, 3 surge-only outlets and 2 transformer-friendly spaced outlets, perfect for AC adapters. EnSpire Series offers Fax/modem/network protection with built-in USB communications port. EnSpire Series Includes Minuteman® SentryPlus™ software for power monitoring and control. Three-year warranty for electronics (2-year warranty for internal batteries).

<table>
<thead>
<tr>
<th>BADGER PART NUMBER</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN350</td>
<td>Stand-by UPS with 6 outlets</td>
</tr>
<tr>
<td>BM0042</td>
<td>Replacement battery</td>
</tr>
<tr>
<td>EN550</td>
<td>Stand-by UPS with 6 outlets</td>
</tr>
<tr>
<td>BM0043</td>
<td>Replacement battery</td>
</tr>
<tr>
<td>EN750LCD</td>
<td>Stand-by UPS with 4 UPS/4 Surge Receptacles</td>
</tr>
<tr>
<td>EN900LCD</td>
<td>Stand-by UPS with 4 UPS/4 Surge Receptacles</td>
</tr>
</tbody>
</table>
CPE Series: True On-Line Tower

- Line-interactive • Rack/Tower/Wall-mount UPS • 3-year warranty • SentryPlus™ software included with all models

CPE1000
- 1000VA/700W 120 VAC true on-line • Double-conversion • Extended runtime UPS designed for critical, power-sensitive electronic environments

BADGER PART NUMBER:
CPE1000 True On-Line Tower
CPEBP External battery pack for CPE1000

CPE2000
- 2000VA/1400W 120 VAC true on-line • Double-conversion • Extended runtime UPS designed for critical, power-sensitive electronic environments

BADGER PART NUMBER:
CPE2000 True On-Line Tower
CPEBP External battery pack for CPE2000

CPE3000
- 3000VA/2100W 120 VAC true on-line • Double-conversion • Extended runtime UPS designed for critical, power-sensitive electronic environments

BADGER PART NUMBER:
CPE3000 True On-Line Tower
CPEBP3000 External battery pack for CPE3000

Endeavor™: True On-Line Double Conversion UPS Systems

- True on-line double-conversion UPS technology • True sine wave • 19-inch rack and tower mounting capability included
- 23-inch rack and wall mount optional • Units require only 2U rack height in rack environments • Load-shedding capability
- Unlimited runtime capability via external battery packs • Fax/modem/network protection • 10-ft. power cord
- Built-in USB and RS-232 communications ports • 3-year parts and labor warranty
- Includes Minuteman® SentryPlus™ software for power monitoring and control • SNMP-compatible via optional card

ED1000RM2U
- 1000 VA/800 W • Runtime: 13 Min at Half/4 Min at Full Load • RJ45/RJ11 Network/Modem/Fax
- USB and RS-232 ports • (6) NEMA 5-15R UPS receptacles • (2) 12 Vdc 8.5 Ah batteries • 39 lbs.

BADGER PART NUMBER:
ED1000RM2U External battery pack for ED1000RM2U, 49 lbs.
BP24RTEXL

ED1500RM2U
- 1500 VA/1200 W • Runtime: 13 Min at Half/4 Min at Full Load • RJ45/RJ11 Network/Modem/Fax
- USB and RS-232 ports • (6) NEMA 5-15R UPS receptacles • (4) 12 Vdc 7.2 Ah batteries • 55 lbs.

BADGER PART NUMBER:
ED1500RM2U External battery pack for ED1500RM2U and ED2000RM2U, 75 lbs.
EDBP48XL

ED2000RM2U
- 2000 VA/1600 W • Runtime: 13 Min at Half/4 Min at Full Load • RJ45/RJ11 Network/Modem/Fax
- USB and RS-232 ports • (6) NEMA 5-15/20R and (1) NEMA L5-30 UPS receptacles • (4) 12 Vdc 8.5 Ah batteries • 55 lbs.

BADGER PART NUMBER:
ED2000RM2U External battery pack for ED1500RM2U and ED2000RM2U, 75 lbs.
BP48RTEXL

ED3000RM2U
- 3000VA/2100W • Runtime: 15 Min at Half/5 Min at Full Load • RJ45/RJ11 Network/Modem/Fax
- USB and RS-232 communication ports • (6) NEMA 5-15/20R and (1) NEMA L5-30 UPS receptacles
- (6) 12 Vdc 8.5 Ah batteries • 127 lbs.

BADGER PART NUMBER:
ED3000RM2U External battery pack for ED3000RM2U, 64 lbs.
BP72RTEXL

Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
• Line interactive UPS technology with Automatic Voltage Regulator (AVR)
• True sine wave output
• LCD Status display shows input/output voltage, frequency, unit and battery status, est. runtime
• Standard-only and Extended runtime capable models available
• 19-inch rack and tower-mounting capability included
• 23-inch rack and wall mount optional
• Units require only 2U rack height in rack environments
• Unlimited runtime capability via external battery packs (XL Models)
• Built-in USB and RS-232 communications ports
• Includes Minuteman® SentryHD software for power monitoring and control
• SNMP-compatible via optional card
• Select models ENERGY STAR Certified for energy efficiency
• 10-ft. power cord
• 3-year parts, labor, and battery warranty

E750RT2U Standard – E750RTXL2U Extended
• 750 VA/600 W • Runtime: 17 Min at Half/8 Min at Full Load • RJ45/RJ11 Network/Modem/Fax • USB and RS-232 Ports • (8) NEMA 5-15/20R UPS Receptacles • 42 lbs.
BADGER PART NUMBER:
E750RT2U or E750RTXL2U (for extended runtime)

E1000RT2U Standard – E1000RTXL2U Extended
• 1000 VA/800 W • Runtime: 15 Min at Half/5 Min at Full Load • RJ45/RJ11 Network/Modem/Fax • USB and RS-232 Ports • (8) NEMA 5-15/20R UPS Receptacles • 44 lbs.
BADGER PART NUMBER:
E1000RT2U or E1000RTXL2U (for extended runtime)

E1500RT2U Standard – E1500RTXL2U Extended
• 1500 VA/1200 W • Runtime: 11 Min at Half/4 Min at Full Load • RJ45/RJ11 Network/Modem/Fax • USB and RS-232 Ports • (8) NEMA 5-15/20R UPS Receptacles • 45 lbs.
BADGER PART NUMBER:
E1500RT2U or E1500RTXL2U (for extended runtime)

E2000RT2U Standard – E2000RTXL2U Extended
• 2000 VA/1760 W • Runtime: 13 Min at Half/5 Min at Full Load • RJ45/RJ11 Network/Modem/Fax • USB and RS-232 Ports • (8) NEMA 5-15/20R and (1) NEMA L5-20R UPS Receptacles • 72 lbs.
BADGER PART NUMBER:
E2000RT2U or E2000RTXL2U (for extended runtime)

E3000RT2U Standard – E3000RTXL2U Extended
• 3000 VA/2560 W • Runtime: 8 Min at Half/3 Min at Full Load • RJ45/RJ11 Network/Modem/Fax • USB and RS-232 Communication Ports • (7) NEMA 5-15/20R and (1) NEMA L5-30 UPS Receptacles • 78 lbs.
BADGER PART NUMBER:
E3000RT2U or E3000RTXL2U (for extended runtime)

E1500RTXTL2U-208V
• 1500 VA/1200 W • 208V Input & Output • Runtime: 11 Min at Half/4 Min at Full Load • RJ45/RJ11 Network/Modem/Fax • USB and RS-232 Ports • (8) NEMA 5-15/20R UPS Receptacles and (1) L-520R • 45 lbs.
BADGER PART NUMBER:
E1500RTXTL2U

E1500RM2U
• 1500 VA/1200 W • Runtime: 11 Min at Half/4 Min at Full Load • RJ45/RJ11 Network/Modem/Fax • USB and RS-232 Ports • (6) NEMA 5-15/20R UPS Receptacles • (3) 12 Vdc 8.5 Ah Batteries • 55 lbs.
BADGER PART NUMBER:
E1500RM2U

Expandable External Battery Packs
High capacity external battery packs for EnterprisePlus Series offer 2 to 5 times the backup runtime of the standard EnterprisePlus external battery packs for those applications when 15 minutes is not enough. Three-year warranty on battery packs.

BP36RTXL
• Large capacity 2U external battery pack for E750RTXL2U through E1500RTXL(T)2U units
BADGER PART NUMBER:
BP36RTXL

BP36TREXL
• Extreme capacity 3U external battery pack for E750RTXL2U through E1500RTXL(T)2U units
BADGER PART NUMBER:
BP36TREXL

BP72RTXL
• Large capacity 2U external battery pack for E2000RTXL2U and E3000RTXL(T)2U units
BADGER PART NUMBER:
BP72RTXL

BP72TREXL
• Extreme capacity 3U external battery pack for E2000RTXL2U and E3000RTXL(T)2U units
BADGER PART NUMBER:
BP72TREXL

View our searchable electronic catalog at: www.badgercommunications.com
**15-Amp Models**

**OEPD815HV**
- Front Outlets (type) 2x (5-15R)
- Rear Outlets (type) 6x (5-15R)
- Safety Approvals UL 60950-1, cUL
- Horizontal or vertical mounting (1U/OU)

**BADGER PART NUMBER:** OEPD815HV

**OEPD1415HV**
- Front Outlets (type) 2x (5-15R)
- Rear Outlets (type) 8x (5-15R)
- Safety Approvals UL 60950-1, cUL
- Horizontal or vertical mounting (1U/OU)

**BADGER PART NUMBER:** OEPD1415HV

**OEPD1415HVA**
- Amp Meter
- Front Outlets (type) 6x (5-15R)
- Rear Outlets (type) 8x (5-15R)
- Safety Approvals UL 60950-1, cUL
- Horizontal or vertical mounting (1U/OU)

**BADGER PART NUMBER:** OEPD1415HVA

**OEPD2415V62**
- Front Outlets (type) 24x (5-15R)
- Safety Approvals UL 60950-1, cUL
- 62" vertical mounting

**BADGER PART NUMBER:** OEPD2415V62

**OEPD1815V48**
- Front Outlets (type) 18x (5-15R)
- Safety Approvals UL 60950-1, cUL
- 48" vertical mounting (OU)

**BADGER PART NUMBER:** OEPD1815V48

**20-Amp Models**

**OEPD2420V62**
- Front Outlets (type) 24x (5-15/20R)
- Safety Approvals UL 60950-1, cUL
- 62" vertical mounting (OU)

**BADGER PART NUMBER:** OEPD2420V62

**OEPD1420HV**
- Front Outlets (type) 6x (5-15/20R)
- Rear Outlets (type) 8x (5-15/20R)
- Safety Approvals UL 60950-1, cUL
- Horizontal or vertical mounting (1U/OU)

**BADGER PART NUMBER:** OEPD1420HV

**OEPD1020HV**
- Front Outlets (type) 2x (5-15/20R)
- Rear Outlets (type) 8x (5-15/20R)
- Safety Approvals UL 60950-1, cUL
- Horizontal or vertical mounting (1U/OU)

**BADGER PART NUMBER:** OEPD1020HV

**OEPD2420VA62**
- Amp Meter
- Front Outlets (type) 24x (5-15/20R)
- Safety Approvals UL 60950-1, cUL
- 62" vertical mounting (OU)

**BADGER PART NUMBER:** OEPD2420VA62

True on-line, UPS systems (3-year warranty, software included.) Multiple configurations available including parallel and N+1 redundant bundles, contact your representative for full details and ordering information.

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EnDeavor™ 6-10kVA RackMount Series

Features:
- True double-conversion online technology
- Digital Signal Processor (DSP) design
- High power factor (0.9 pf)
- LCD Display
- Can parallel 2 units
- Automatic Internal Bypass
- Independent Battery Bypass
- Smart Fan Control
- Cold Start Function
- Sentry HD Software

**ED5200RTXL**
- 5000VA / 4500 Watts • 208V in/208V out • input plug is hardwired L6-30P pigtail • output hardwire only • extended runtime capable (BP192RTXL) • external maintenance bypass switch optional (order model ED5200RTXLMB) • 3-year warranty including batteries

**ED5000RTXL**
- 4556VA / 4100 Watts • 208V in120/208 out • includes output transformer with 6 – NEMA 5-15/20R, 1 – L6-20R, 1 – L6-30R receptacles • extended runtime capable (BP192RTXL) • external maintenance bypass switch optional (order model ED5000RTXLMB) • 3-year warranty including batteries.

**ED6200RTXL**
- 6000VA / 5400 Watts • 208V in/208V out • input plug is hardwired L6-30P pigtail • output hardwire only • extended runtime capable (BP192RTXL) • external maintenance bypass switch optional (order model ED6200RTXLMB) • 3-year warranty including batteries.

**ED6000RTXL**
- 5556VA / 5000 Watts • 208V in, 120/208 out • includes output transformer with 6 – NEMA 5-15/20R, 1 – L6-20R, 1 – L6-30R receptacles • extended runtime capable (BP192RTXL) • external maintenance bypass switch optional (order model ED6000RTXLMB) • 3-year warranty including batteries.

**ED8200RTXL**
- 8000VA / 7200 Watts • 208V in/208V out • input plug is hardwired only • output hardwire only • extended runtime capable (BP240RTXL) • external maintenance bypass switch optional (order model ED8200RTXLMB) • 3-year warranty including batteries.

**ED8000RTXL**
- 6889VA / 6200 Watts • 208V in, 120/208 out • includes output transformer with 8 – NEMA 5-15/20R, 1 – L6-20R, 1 – L6-30R receptacles • extended runtime capable (BP192RTXL) • external maintenance bypass switch optional (order model ED8000RTXLMB) • 3-year warranty including batteries.

**ED10200RTXL**
- 10000VA / 9000 Watts • 208V in/208V out • input plug is hardwired only • output hardwire only • extended runtime capable (BP240RTXL) • external maintenance bypass switch optional (order model ED10200RTXLMB) • 3-year warranty including batteries.

**ED10000RTXL**
- 8889VA / 8000 Watts • 208V in, 120/208 out • includes output transformer with 8 – NEMA 5-15/20R, 1 – L6-20R, 1 – L6-30R receptacles • extended runtime capable (BP192RTXL) • external maintenance bypass switch optional (order model ED10000RTXLMB) • 3-year warranty including batteries.
• The RPM Series is the ultimate power nerve center for controlling multiple network devices and services
• This powerful device gives network administrators ability to individually control AC power for as many as 8 different connected devices
• Manage AC power to servers, switches, routers, modems and phone systems
• ALL MODELS include management via: HTTP Server, SNMP Agent, TCP/IP, MIBS Net Support

RPM 20161 VN
• 20 amps, Remote on/off of Receptacles, (16) NEMA 5-15R w/ 5-20P Plug, 11 lbs.

RPM 20162 VI
• 20 amps, Remote on/off of Receptacles, (14) IEC320 C13 & (2) IEC320 C19 w/6-20P Plug, 11 lbs.

RPM 2082 HVI
• 20 amps, Remote on/off of Receptacles, (8) IEC5-15R w/ 5-20P Plug, 11 lbs.

RPM 1581 HVN
• 15 amps • Remote on/off of Receptacles • (8) NEMA 5-15R w/5-15P Plug • 9 lbs.

RPM1521E
• Sends messages via SMS text • email • SNMP trap • optional rack-mount ears • optional Temp Probe

RPM1581EV6
• 1U rack mount remote power on/off management of 8 NEMA 5-15R receptacles • individually monitored for each connected load • includes SNMP-NV6 network card with IPv6 support • 5-15P input plug • 3-year warranty.

BRKT RM RPM1521
• Optional rackmount ears for RPM1521

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**ACCESSORIES AND SNMP PRODUCTS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Compatible Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>E BRKT WALL</td>
<td>Optional wall mount kit for use on all EnterprisePlus and Endeavor 1-3kVA models</td>
<td>EnterprisePlus, Endeavor 1-3kVA</td>
</tr>
<tr>
<td>E BRKT 23</td>
<td>Optional 23” rack installation kit for all EnterprisePlus and Endeavor 1-3kVA models</td>
<td>EnterprisePlus, Endeavor 1-3kVA</td>
</tr>
<tr>
<td>E BRKT RAIL</td>
<td>Optional rail installation kit for all EnterprisePlus and Endeavor 1-3kVA models</td>
<td>EnterprisePlus, Endeavor 1-3kVA</td>
</tr>
<tr>
<td>SNMP-NV6</td>
<td>10/100 Mbit IPv4/IPv6 SNMP card with v3 and SSL Security (32-bit)</td>
<td>PRO-RT, EnterprisePlus, Endeavor</td>
</tr>
<tr>
<td>SNMP-NET</td>
<td>Dry Contact and programmable relay card for use on EnterprisePlus and Endeavor 1-3kVA Series</td>
<td>EnterprisePlus, Endeavor 1-3kVA, Endeavor 6-24kVA</td>
</tr>
<tr>
<td>ENV PROBE</td>
<td>Temperature/Humidity probe only. Must be used with SNMP-NET card</td>
<td>SNMP-NET</td>
</tr>
<tr>
<td>Programmable Relay Card</td>
<td>Dry Contact and programmable relay card for use on EnterprisePlus and Endeavor 1-3kVA Series</td>
<td>EnterprisePlus, Endeavor 1-3kVA</td>
</tr>
</tbody>
</table>

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Every effort has been made to ensure the integrity of this catalog. Badger Communications cannot be held responsible for any misrepresentation associated with any products due to omissions, typographic errors or misprints.
True on-line, UPS system bundles (3-year warranty, software included.) Multiple configurations available including parallel and N+1 bundles, contact your representative for full details and ordering information.

**ED6000T**
- 6000VA/4200W • Runtime: 21 Min at Half / 8 Min at Full Load • 208V input 120V/208V output • (20) 12 Vdc 7.2 Ah Batteries • 308 lbs.

BADGER PART NUMBER:
ED6000T

**ED6200T**
- Same features as ED6000T with 208V input /208V output • 198 lbs.

BADGER PART NUMBER:
ED6200T

**ED10000T**
- 10000VA/7000W • Runtime: 15 Min at Half / 5 Min at Full Load • 208V input 120V/208V output
- (20) 12 Vdc 9 Ah Batteries • 407 lbs.

BADGER PART NUMBER:
ED10000T

**ED10200T**
- Same features as ED10000T with 208V input /208V output • 297 lbs.

BADGER PART NUMBER:
ED10200T

**EDBP10000T**
- Battery pack for ED10000T and ED10200T
- (40) 12 Vdc 9 Ah Batteries • 423 lbs.

BADGER PART NUMBER:
EDBP10000T

**ED6-MTBS2**
- External Maintenance Bypass Kit for ED12000RM and ED12000
- 13 lbs.

BADGER PART NUMBER:
ED6-MTBS2

**OES1015HV - Rack-Mount Surge Models**
- Front Outlets (type) 2x (5-15R) • Rear Outlets (type) 8x (5-15R) • Safety Approvals UL1449, UL60950-1, cUL • Horizontal or vertical mounting (1U/OU)

BADGER PART NUMBER:
OES1015HV

**OES1020HV - Rack-Mount Surge Models**
- Front Outlets (type) 2x (5-15/20R) • Rear Outlets (type) 8x (5-15/20R) • Safety Approvals UL1449, UL60950-1, cUL • Horizontal or vertical mounting (1U/OU)

BADGER PART NUMBER:
OES1020HV

**OEPD1220C13HVL**
- 12-Outlet • 208V 20 Amp Receptacles • 1U/OU Horizontal or Vertical Mounting PDU • 8.4 foot power cord

BADGER PART NUMBER:
OEPD1220C13HVL

**OEPD2430V48DCL**
- 24-Outlet • 208V 30 Amp Receptacles • 0U Vertical Mounting PDU
- 8.4 ft power cord

BADGER PART NUMBER:
OEPD2430V48DCLT
XST Standby UPS

XST Series - 400-800VA Standby 120V UPS

The compact XST is a single phase standby UPS designed to deliver power protection to small routers, switches, desktop PCs, VoIP equipment, phone systems, and point of sale equipment. A vital addition to any home office, it enables graceful shutdown of equipment during a longer power outage.

- Floor, Desk or Wall Mount • Ideal for Small Office / Home Office environments
- Slightly larger than a wireless router • Use with small routers, switches, desktops, VoIP equipment
- Compact size – Vertical, Horizontal or Wall Mount • Microprocessor Control
- USB Port, Communications Cable, and Shutdown Software included with XST-600 and XST-800
- Auto Restart • Cold Start Function • Discharge, overcharge, short circuit, and thermal protection
- 2 years electronics, 2 years battery warranty

<table>
<thead>
<tr>
<th>BADGER PART NUMBER:</th>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>90000414</td>
<td>XST-400</td>
<td>400VA/240W Standby Tower UPS</td>
</tr>
<tr>
<td>90000416</td>
<td>XST-600</td>
<td>600VA/360W Standby Tower UPS including USP Port, Communications Cable, and Shutdown Software</td>
</tr>
<tr>
<td>90000418</td>
<td>XST-800</td>
<td>800VA/480W Standby Tower UPS including USP Port, Communications Cable, and Shutdown Software</td>
</tr>
</tbody>
</table>

S70 Line-Interactive UPS

S70 Series - 500-2000VA Line-Interactive 120V UPS

Power quality disturbances including voltage fluctuations, over voltage, under voltage, and voltage blackouts occur unexpectedly. In the event of any of these common power problems, the S70 UPS activates to protect all connected critical loads—ranging from your computer to your business telephone system. The S70 streamlines installation to just a few simple steps, allowing backup power protection right out of the box. The smart LCD screen offers real-time monitoring of UPS parameters while shutdown and monitoring software enables UPS and remote device control over your network.

- Plug-and-play functionality means the UPS is ready to start backing up your equipment right out of the box
- Smart LCD display monitors UPS vitals and manages all power devices in your network via USB
- USB communications & software CD enables plug-and-play communications between servers, desktops, and the UPS; offers seamless installation with Windows, Mac, Solaris, and Linux operating systems
- Modern and compact, perfect for use in any home office or small office setting
- 465 Joule surge suppression rating • UL, cUL, RoHS • 3 years electronics, 3 years battery warranty

<table>
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<tr>
<th>BADGER PART NUMBER:</th>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td>90000550</td>
<td>S70-500</td>
<td>500VA/300W Tower UPS Line-Interactive UPS</td>
</tr>
<tr>
<td>90000551</td>
<td>S70-700</td>
<td>700VA/420W Tower UPS Line-Interactive UPS</td>
</tr>
<tr>
<td>90000552</td>
<td>S70-1000</td>
<td>1000VA/600W Tower UPS Line-Interactive UPS</td>
</tr>
<tr>
<td>90000616</td>
<td>S70-1500</td>
<td>1440VA/900W Tower UPS Line-Interactive UPS</td>
</tr>
<tr>
<td>90000554</td>
<td>S70-2000</td>
<td>2000VA/1200W Tower UPS Line-Interactive UPS</td>
</tr>
</tbody>
</table>

P80 Line-Interactive UPS

The P80 is a pure sine wave line interactive UPS that protects critical data and equipment from power problems while supplying clean and reliable network grade power. P80 units are the highest efficiency available, providing utility cost savings at all load levels. P80 unity and 0.90 Power Factor models provide more power for high density loads.

- Pure sine wave output • UL, cUL, RoHS
- Tower, wall, 2-post and 4-post rack mounting configurations available
- Extended battery runtimes with optional matching battery modules
- 3 years electronics, 3 years battery warranty (USA and Canada)
- 99% efficient operation • Smart LCD display • Extended battery runtimes
- Programmable receptacle group • Hot swappable battery

<table>
<thead>
<tr>
<th>BADGER PART NUMBER:</th>
<th>Name</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>90000900</td>
<td>P80-800</td>
<td>800VA/720W 120v UPS, 2U</td>
</tr>
<tr>
<td>90000901</td>
<td>P80-1100</td>
<td>1100VA/990W 120V UPS, 2U</td>
</tr>
<tr>
<td>90000902</td>
<td>P80-1500</td>
<td>1500VA/1350W 120V UPS, 2U</td>
</tr>
<tr>
<td>90000903</td>
<td>P80-2200</td>
<td>2000VA/2000W 120V UPS, 2U</td>
</tr>
<tr>
<td>90000904</td>
<td>P80-3000</td>
<td>3000VA/2700W 120V UPS, 2U</td>
</tr>
<tr>
<td>90000954</td>
<td>P80g-3000</td>
<td>3000VA/2700W 208/230V UPS, 2U</td>
</tr>
<tr>
<td>90000430</td>
<td>P80g-5000</td>
<td>5000VA/4500W 208/230V UPS, 2U</td>
</tr>
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### Line-Interactive UPS

**P90 On-line UPS**

**P90 Series - 1000-3000VA On-line 120V or 208/230V UPS**

The P90 is a true online UPS that delivers continuous, high quality AC power to servers and network equipment with no break when transferring to battery. The P90 provides both tower and rack mount form factors. It protects your equipment from blackouts, brownouts, sags, surges, and noise interference. The P90 offers the lowest total cost of ownership by cutting energy costs and lowering heat output.

- 0.9 output power factor provides more real wattage for high density loads
- 98% efficiency in ECO mode • UL, cUL, CE, RoHS • Tower, 2-post and 4-post rack mounting configurations available
- 3 years electronics, 3 years battery warranty • Extended battery runtimes with optional matching battery modules

### TX90 6kVA & 10kVA On-Line UPS

**TX90 Series - 6kVA & 10kVA On-Line 240/120VAC or 208/120VAC UPS**

Isolated online UPS provides the cleanest power in the most demanding conditions. The TX90 galvanic isolation transformer prevents common mode noise which is left exposed by typical transformerless online designs. Isolated online applications include retail, industrial environments, laboratories, and any installation with grounding or noise issues. TX90 provides dual output voltages and programmable output frequency to meet a wide range of requirements.

- Up to four TX90 units can be paralleled for additional capacity or redundant operation • Optional battery runtimes up to 8 hours
- Manually transfer critical loads from UPS power to utility power, enabling TX90 UPS maintenance
- UL1778, cUL, FCC Class A, RoHS • 3 years electronics, 3 years battery warranty

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**BADGER PART NUMBER:**

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<tr>
<th>BADGER PART NUMBER</th>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td>90009005</td>
<td>P90-1000</td>
<td>1000VA/900W 120V UPS with 1A charger 2U</td>
</tr>
<tr>
<td>90009022</td>
<td>P90-1500</td>
<td>1500VA/1350W 120V UPS with 1A charger 2U</td>
</tr>
<tr>
<td>90009007</td>
<td>P90-2000</td>
<td>2000VA/1800W 120V UPS with 1A charger 2U</td>
</tr>
<tr>
<td>90009008</td>
<td>P90-3000</td>
<td>3000VA/2700W 120V UPS with 1A charger 2U</td>
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<tr>
<td>90000318</td>
<td>P90g-1500</td>
<td>1500VA/1350W 208/230V UPS with 1A charger 2U</td>
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<tr>
<td>90009020</td>
<td>P90g-3000</td>
<td>3000VA/2700W 208/230V UPS with 1A charger 2U</td>
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<tr>
<td>90009016</td>
<td>P90-BP48</td>
<td>48V battery pack for P90-2000 2U</td>
</tr>
<tr>
<td>90009017</td>
<td>P90-BP72</td>
<td>72V battery pack for P90-3000/P90g-3000 2U</td>
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<tr>
<td>90000399</td>
<td>SNMP-2PMINI</td>
<td>Single Port SNMP card</td>
</tr>
<tr>
<td>90009009</td>
<td>P90-RAIL</td>
<td>4-post rail kit for use with all P90 models</td>
</tr>
<tr>
<td>9000522</td>
<td>P905SP15</td>
<td>Extended 5 Year Factory Warranty for P90-1000/1500 UPS</td>
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<tr>
<td>9000523</td>
<td>P905SP23</td>
<td>Extended 5 Year Factory Warranty for P90-2000/3000 and P90g-3000 UPS</td>
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<tr>
<td>9000524</td>
<td>P90L5SPBP</td>
<td>Extended 5 Year Factory Warranty for P90-BP42/BP72</td>
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<tbody>
<tr>
<td>90000150</td>
<td>TX90-6K</td>
<td>6kVA/5.4kW Tower UPS with Isolation Transformer</td>
</tr>
<tr>
<td>90000151</td>
<td>TX90-10K</td>
<td>10kVA/9kW Tower UPS with Isolation Transformer</td>
</tr>
<tr>
<td>90000245</td>
<td>T90-EBP920</td>
<td>Extended Battery Pack for TX90-6K/10K with (20) batteries</td>
</tr>
<tr>
<td>90000246</td>
<td>T90-EBP940</td>
<td>Extended Battery Pack for TX90-6K/10K with (40) batteries</td>
</tr>
<tr>
<td>90000247</td>
<td>T90-EBP960</td>
<td>Extended Battery Pack for TX90-6K/10K with (60) batteries</td>
</tr>
<tr>
<td>90000324</td>
<td>T90-240CHG</td>
<td>1000W charger for use with TX90-6K/10K</td>
</tr>
<tr>
<td>90000453</td>
<td>T9SP610</td>
<td>Extended 5 Year Factory Warranty for TX90-6K/10K</td>
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<td>90000454</td>
<td>T9SPBP2</td>
<td>Extended 5 Year Factory Warranty for T90-EBP920</td>
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<tr>
<td>90000455</td>
<td>T9SPBP4</td>
<td>Extended 5 Year Factory Warranty for T90-EBP940</td>
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<tr>
<td>90000456</td>
<td>T9SPBP6</td>
<td>Extended 5 Year Factory Warranty for T90-EBP960</td>
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On-Line UPS

XPRT On-line UPS

XPRT Series - 6kVA & 10kVA On-Line 208/120V UPS

These true online, double conversion UPS systems provide more capacity in less space. The XPRT-6kVA (4U) and XPRT-10kVA (6U) models save space, weight, and power through a dual inverter design which provides selectable output voltages of 208/120V, 240/120V, 230/115V, or 200/100V without the need for transformers. The XPRT-10kVA features hardwired input and output terminals and an optional output receptacle module. It includes one internal power module and two internal battery modules. The chassis contains a bypass switch which allows all modules to be removed without powering down the connected load.

- Integrated maintenance bypass allows UPS electronics and battery to be serviced or replaced without interruption to critical load
- Hardwire input and output with terminal block connections or optional input cord and output receptacles
- UL, cUL, FCC - 3 years electronics, 3 years battery warranty

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<th>BADGER PART NUMBER</th>
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<tr>
<td>90000013</td>
<td>XPRT-6000B</td>
<td>6000VA 208V UPS (Bundled Solution: UPS + Internal Battery Pack + Receptacle PDU)</td>
</tr>
<tr>
<td>90000036</td>
<td>XPRT-6000HB</td>
<td>6000VA 208V UPS (Bundled Solution: UPS + Internal Battery Pack)</td>
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<tr>
<td>90000014</td>
<td>XPRT-10000B</td>
<td>10000VA 208V UPS (Bundled Solution: UPS + Internal Battery Pack)</td>
</tr>
<tr>
<td>90000019</td>
<td>XPRT-BP4</td>
<td>Extended Battery Pack for 6000VA UPS</td>
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<tr>
<td>90000030</td>
<td>XPRT-BP5</td>
<td>Extended Battery Pack for 10000VA UPS</td>
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<tr>
<td>90000031</td>
<td>XPRT-SNMP2</td>
<td>Internal Web/SNMP Card</td>
</tr>
<tr>
<td>90000032</td>
<td>XPRT-RR2</td>
<td>4-post rail kit</td>
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<tr>
<td>900000359</td>
<td>XPS610</td>
<td>Extended 5 Year Factory Warranty for XPRT 6000VA &amp; 10000VA</td>
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<td>900000131</td>
<td>XPRT5SB4</td>
<td>Extended 5 Year Factory Warranty for XPRT-BP4</td>
</tr>
<tr>
<td>90000014</td>
<td>XPRT5SB5</td>
<td>Extended 5 Year Factory Warranty for XPRT-BP5</td>
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</table>

Bypass Distribution Modules

XBDM Bypass Distribution Modules

XBDM 15A, 20A, 30A, & 63A Models

The XBDM ensures continuous uptime for your critical electronics. This maintenance bypass module allows you to manually transfer critical loads from UPS power to utility power using a bypass switch, enabling UPS repair or replacement without power interruption to the load. Transferring back to protected UPS power is just as easy; simply return the bypass switch to the UPS position.

- XBDM adds up to ten output receptacles and combines bypass functionality with power distribution capability in one enclosure
- Plug/receptacle and hardwired models available - Replace or service the UPS while maintaining power to critical loads.
- UPS and utility power are both connected to the XBDM with the supplied cords
- LED indicators verify availability of UPS and Utility sources - confirming to the operator that power is available before transferring critical loads.
- Loads are surge protected even when UPS is in Bypass mode. UPS electronics are protected during normal operation.
- Flexible Mounting at the front or rear of 19” rack - vertically or horizontal

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<tr>
<th>BADGER PART NUMBER</th>
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<th>Description</th>
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<tbody>
<tr>
<td>90000090</td>
<td>XBDM-1015LV</td>
<td>Bypass distribution module 15A/120VAC. Input: 5-15P 12ft. Output: (10) 5-15R</td>
</tr>
<tr>
<td>90000091</td>
<td>XBDM-1020LV</td>
<td>Bypass distribution module 20A/120VAC. Input: 5-20P 12ft. Output: (10) 5-20R</td>
</tr>
<tr>
<td>90000093</td>
<td>XBDM-1030LV</td>
<td>Bypass distribution module 30A/120VAC. Input: 5-30P 6ft. Output: (10) 5-20R</td>
</tr>
</tbody>
</table>

Power Distribution Units

XPDU Power Distribution Units

XPDU 15A, 20A, 30A, & 50A Models

Improve data center power distribution with the XPDU family, a series of power distribution units that combine the key features needed to manage high density equipment racks or wiring closets. XPDUs deliver reliable power distribution to multiple units of connected equipment by adding up to 24 receptacles to your rack space. These PDUs compliment your current power source and are compatible with any manufacturer’s UPS.

- XPDUs provide up to 24 receptacles for power distribution
- Switched model includes Web/SNMP interface with monitoring software and on/off control of eight receptacles
- Input pigtail available with Basic XPD3 models - Transformer PDU provides 208V to 120V step down
- Vertical and horizontal configurations - UL, cUL, FCC, CE (varies by model) - 3 year full warranty

<table>
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<th>BADGER PART NUMBER</th>
<th>Name</th>
<th>Description</th>
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<tr>
<td>90000040</td>
<td>XPD-815HV</td>
<td>15A 120V PDU. Input: 5-15P 12ft. Output: (8) 5-15R</td>
</tr>
<tr>
<td>90000041</td>
<td>XPD-1415HV</td>
<td>15A 120V PDU. Input: 5-15P 12ft. Output: (14) 5-15R</td>
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<tr>
<td>90000071</td>
<td>XPD0815SS</td>
<td>15A 120V Switched PDU. Input: 5-15P 10ft. Output: (8) 5-15R</td>
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