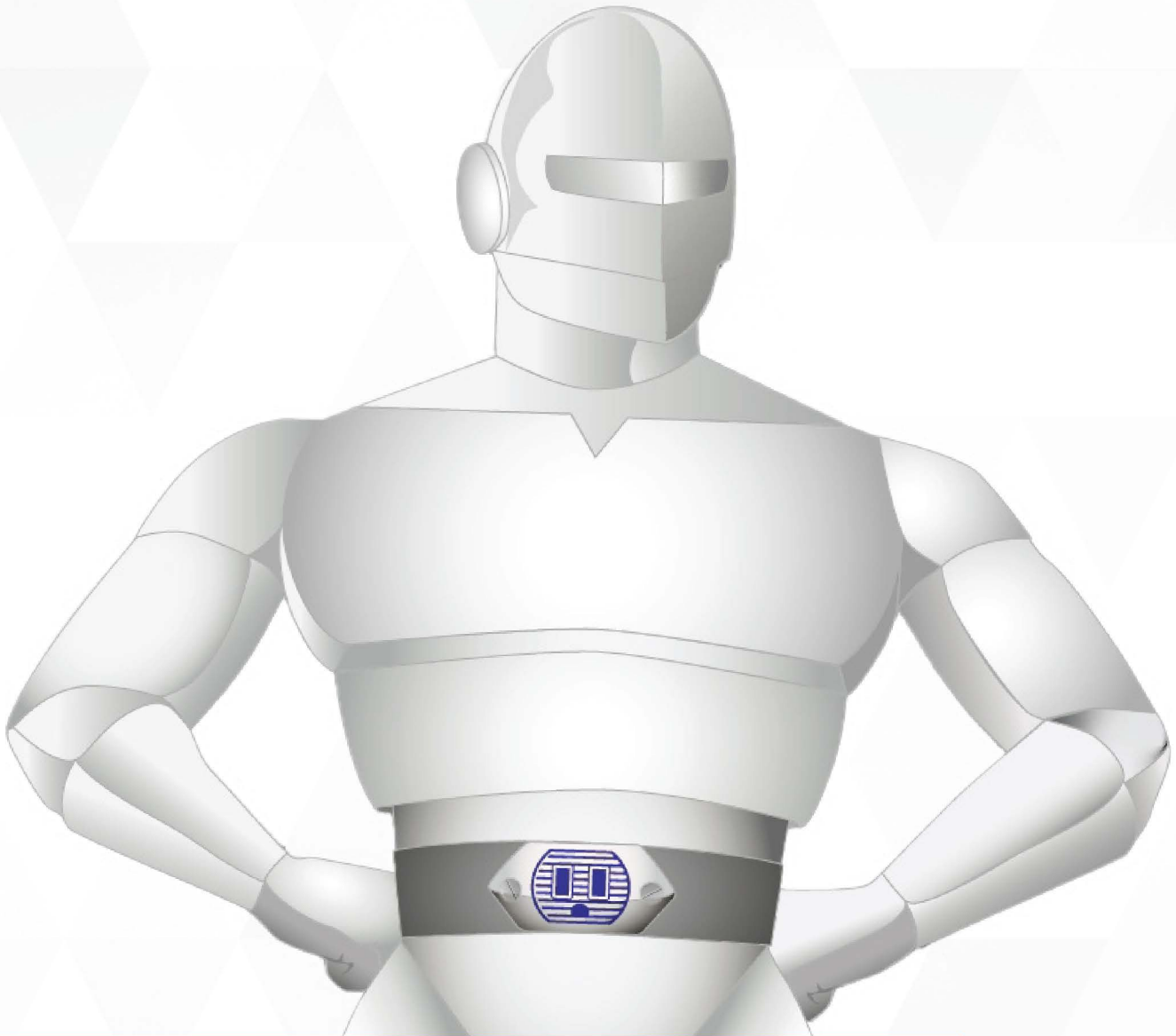


MINUTEMAN[®]

POWER TECHNOLOGIES
by Para Systems, Inc.



Minuteman Power Technologies



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OUR PROMISE - Peace of mind when power failure is not an option. We are backed by over forty years of excellence and the **industry's best warranty and support.**

OUR MISSION - Minuteman exists to provide power to people when they need it most.



FLEXIBILITY

Supporting you and your customer's needs through flexible, tailored solutions.



RELIABILITY

Providing reliably superior power protection since 1982.



PROTECTION

Protecting your mission-critical devices, regardless of the application.



RESPONSIVE

Serving you and your customers in a prompt and friendly manner.

Uninterruptible Power Supplies (UPS)

Complete Protection For Your Equipment, BIG or Small



Standby

The *Enspire-G Series* offers standby protection, perfect for small-load applications, with a compact profile for desktop, floor, or wall mounting.



Enspire-G

Model	VA / Watts	Runtime (mins)
EN450G	450VA/250W	3/11
EN600GU	600VA/330W	2/10
EN750G	750VA/450W	4/12
EN900LGU	900VA/500W	3/11

Line Interactive



The *Entrust-LG Series* is a small but mighty line-interactive mini tower UPS. The versatile form factor allows for seamless integration into any environment.

Entrust-LG

ETR550LG	550VA/330W	3/12
ETR850LG	850VA/510W	3/12
ETR1000LGU	1000VA/600W	3/12
ETR1350LGU	1350VA/810W	3/12
ETR1500LGU	1500VA/900W	3/12
ETR2000LGU	2000VA/1200W	3/12



The *PRO-RT2U Series* offers automatic voltage regulation, connected network management, and versatile configuration options for a range of small to medium load applications.

PRO-RT2U

PRO750RT2U	750VA/525W	5/15
PRO750RT2UNC	750VA/525W	5/15
PRO1000RT2U	1000VA/700W	4/14
PRO1000RT2UNC	1000VA/700W	4/14
PRO1500RT2U	1500VA/1050W	4/14
PRO1500RT2UNC	1500VA/1050W	4/14
PRO2000RT2U	2000VA/1400W	4/14



The *EXR Series* offers a true sine wave output, robust features, and versatile configuration options for a full range of critical networking applications.

EXR

EXR750RT2U	750VA/675W	7.9/18.4
EXR750RT2UNC	750VA/675W	7.9/18.4
EXR1000RT2U	1000VA/900W	5.1/12.1
EXR1000RT2UNC	1000VA/900W	5.1/12.1
EXR1500RT2U	1500VA/1350W	3.7/8.7
EXR1500RT2UNC	1500VA/1350W	3.7/8.7
EXR1500RTHV	1500VA/1350W	3.7/8.7
EXR1500RTHVNC	1500VA/1350W	3.7/8.7
EXR2000RT2U	2000VA/1800W	5.5/12.7
EXR2000RT2UNC	2000VA/1800W	5.5/12.7
EXR3000RT2U	3000VA/2700W	3.7/8.5
EXR3000RT2UNC	3000VA/2700W	3.7/8.5
EXR3000RTHV	3000VA/2700W	3.7/8.5

Note: Products are not to scale.



Uninterruptible Power Supplies (UPS)

Complete Protection For Your Equipment, BIG or Small

The Encompass Series offers two unique form factors and delivers comprehensive protection only offered by a true online UPS. By regenerating the incoming AC signal, through double conversion technology, an online UPS provides an impenetrable "electrical firewall," providing the most fail-safe power protection available.

Model	VA / Watts	Runtime (mins)
EC1000RT2U	1000VA/900W	2/10
EC1500RT2U	1500VA/1350W	5/15
EC2000RT2U	2000VA/1800W	3/10
EC3000RT2U	3000VA/2700W	3/10
EC1000RT2UNC	1000VA/900W	2/10
EC1500RT2UNC	1500VA/1350W	5/15
EC2000RT2UNC	2000VA/1800W	3/10
EC3000RT2UNC	3000VA/2700W	3/10



Encompass



The Encompass adapts to tower and rack-mounted configurations.

EC1000LCD	1000VA/900W	2/10
EC1500LCD	1500VA/1350W	5/15
EC2000LCD	2000VA/1800W	3/10
EC3000LCD	3000VA/2700W	3/10
EC1000LCD-NC	1000VA/900W	2/10
EC1500LCD-NC	1500VA/1350W	5/15
EC2000LCD-NC	2000VA/1800W	3/10
EC3000LCD-NC	3000VA/2700W	3/10



Encompass LCD



The Encompass LCD is a tower only UPS.

The Endeavor LCD Series UPS offers online, double conversion, true sine wave output, emergency backup power with zero transfer time, and versatile configuration options for a full range of applications.

ED1000RTXL2UNC	1000VA/900W	3/11.5
ED1500RTXL2UNC	1500VA/1350W	3.5/12.5
ED2000RTXL2UNC	2000VA/1800W	4.5/13
ED3000RTXL2UNC	3000VA/2700W	3.5/12.5
ED1000RTXL2U	1000VA/900W	3/11.5
ED1500RTXL2U	1500VA/1350W	3.5/12.5



Endeavor LCD

Note: Products are not to scale.

Online 1-3 kVA

Uninterruptible Power Supplies (UPS)

Complete Protection For Your Equipment, BIG or Small



Online 5-10 kVA

The Endeavor 5-10kVA Series delivers uninterrupted power for vital IT, telecom, and security setups. With a clear LCD Display for instant updates on AC, battery, and UPS status, this UPS is generator-compatible, versatile, and ensures maximum uptime. Offering pure sine wave output and adaptability for critical applications, it's the ultimate choice for reliability and efficiency. Optional Stackable Isolation Transformer Modules (3KTF / 5KTF) for stepdown VAC and maximum VAC capacity.

Endeavor 5-10kVA



Transformer



Model	VA / Watts	Runtime (mins)
ED5KRT	5000VA/4500W	3/12
ED5KRT-3KTF	5000VA/4365W	3/12
ED5KRT-5KTF	5000VA/4275W	3/12
ED6KRT	6000VA/5400W	3/12
ED6KRT-3KTF	6000VA/5265W	3/12
ED6KRT-5KTF	6000VA/5175W	3/12
ED6KRT-6KTF2	6000VA/5130W	3/12
ED8KRT	8000VA/7200W	3/12
ED8KRT-3KTF	8000VA/7065W	3/12
ED8KRT-5KTF	8000VA/6975W	3/12
ED8KRT-6KTF2	8000VA/6930W	3/12
ED8KRT-8KTF2	8000VA/6840W	3/12
ED10KRT	10000VA/9000W	3/12
ED10KRT-3KTF	10000VA/8865W	3/12
ED10KRT-5KTF	10000VA/8775W	3/12
ED10KRT-6KTF2	10000VA/8730W	3/12
ED10KRT-8KTF2	10000VA/8640W	3/12
ED10KRT-10KTF2	10000VA/8550W	3/12



The Endeavor 6 & 10kVA Tower Series UPS combines transient free pure sine wave output and extended runtime capability for critical applications. A front-panel LCD display provides visual notification of the UPS status, including AC input status, battery status, and UPS fault indication.

Endeavor 6/10kVA

ED6KTF	6000VA/5400W	5/14
ED10KTF	10000VA/9000W	3/12

Note: Products are not to scale.



Power Cabinets

Enclosure Series 24U & 42U Advanced Server Rack Solutions

Minuteman's Pre-Populated Power Cabinets are the ideal solution for secure server networking and power management equipment installations. These premium 42U and 24U Enclosure Power Cabinets come fully assembled with a pre-installed UPS to kickstart power efficiency for all your applications. Packed with features to ensure long term success and smooth accessibility of all your equipment for years to come!

Model	Description
MMCAB24S5K	Half-height, 24U Cabinet with 5kVA UPS
MMCAB24S6K	Half-height, 24U Cabinet with 6kVA UPS
MMCAB24S8K	Half-height, 24U Cabinet with 8kVA UPS
MMCAB42S5K	Full-height, 42U Cabinet with 5kVA UPS
MMCAB42S6K	Full-height, 42U Cabinet with 6kVA UPS
MMCAB42S8K	Full-height, 42U Cabinet with 8kVA UPS
MMCAB42S10K	Full-height, 42U Cabinet with 10kVA UPS

Features:

- 1. Roof Panel** Removeable & Vented with Tabbed Cable Management Ports
- 2. Convenient Grounding System**
- 3. Steel Mesh Front Door** Reversible & Removable with 180° Swing
- 4. Modular Side Panels** Key-Locking & Removable
- 5. Split Rear Doors** Key-Locking & Removable
- 6. Secure Key-Lock Entry**
- 7. Pre-Populated with UPS** (5/6/8/10kVA) for Plug & Play Deployment
- 8. Adjustable Mounting Rails** (4) with Easy-View Numbered Depth Index
- 9. Toolless Vertical Quick Mounting** for PDUs/Cable Managers
- 10. Baying Tabs** Front & Back
- 11. Heavy-Duty Casters** (4) & Levelers (4)
- 12. Open Bottom** for Cable Routing
- 13. Swift Deployment Pallet-Ramp** for Stress-Free Unpacking



Service Programs

Minuteman Powers Your Peace of Mind with Seamless Service



Minuteman is dedicated to ensuring customer satisfaction, so we've designed optional a-la-carte and bundled service programs to lend you a hand when you need it.

Whether you're just beginning to invest in your power protection, or you're looking for a second set of eyes on your set-up, Minuteman's optional add-on services make it easy to feel confident about the structure and safety of your power protection system.

A-La-Carte



Bundles



Model	Description
MM-Install-Survey	Pre-installation Site Survey Service
MM-Startup-Remote	UPS Remote Startup Service
MM-SVC-Silver	Silver Service Package - Site Survey, 1-yr. Ext. Warranty
MM-SVC-Gold	Gold Service Package - Site Survey, Remote Startup, 2-yr. Ext. War-
MM-SVC-Platinum	Platinum Service Package - Site Survey, Remote Startup, 2-yr. Plat.



Power Distribution Units (PDU)

Putting the Power to Manage & Monitor Your Devices in Your Hands

Minuteman basic PDUs are available in a range of configurations, including versatile horizontal/vertical or horizontal only mounting, a range of outlet configurations, and in both 15 and 20-amp load capacity.

Model	Amps	Outlets
OEPD815HV	15A	8
OEPD615HV	15A	12
OEPD1415HV	15A	14
OEPD1415HV-HW	15A	14
OEPD1815V48	15A	18
OEPD2415V62	15A	24
OEPD2415V62-HW	15A	24
OEPD1020HV	20A	10
OEPD1020HV-HW	20A	10
OEPD2420V62	20A	24
OEPD2420V62L	20A	24
OEPD2420V62-HW	20A	24

OEPD815HV



OEPD1415HV



OEPD2420V62



Basic

OES1015HV	15A	10
OES1020HV	20A	10
OES1020HVL	20A	10

OES1015HV



Surge

OEPD202L620HVN	20A	2
OEPD202L620HVHW	20A	2
OEPD2024IECHVI	20A	24
OEPD2024IECHW	20A	24
OEPD302L630HVN	30A	2
OEPD302L630HVHW	30A	2
OEPD304L630HVN	30A	4
OEPD304L630HVHW	30A	4

OEPD2024IECHVI



OEPD304L630HVN



208/240 Volt

Note: Products are not to scale.

Power Distribution Units (PDU)

Putting the Power to Manage & Monitor Your Devices in Your Hands



Minuteman Remote Power Management (RPM) devices are all TAA compliant, making them the ideal solution for network administrators to manage one or more locations. Connect and control from virtually anywhere with internet and your password.

POWER management on YOUR TERMS!



RPM1521E



RPM1581HVN



RPM208N1LCD



RPM2016N1LCD



RPM3016I2LCD



120 Volt Switched

Model	Amps (In/Out)	Outlets
RPM1521E	15/12	2
RPM158N1LCD-15P	15/12	8
RPM158N1LCD	15/12	8
RPM158N1LCD-IEC	15/12	8
RPM158N1LCD-HW	15/12	8
RPM1581HVN	15/12	8
RPM1516N1LCD	15/12	16
RPM1516N1LCD-15P	15/12	16
RPM1516N1LCD-IEC	15/12	16
RPM1516N1LCD-HW	15/12	16
RPM1524N1LCD	15/12	24
RPM1524N1LCD-15P	15/12	24
RPM1524N1LCD-IEC	15/12	24
RPM1524N1LCD-HW	15/12	24
RPM208N1LCD-20P	20/16	8
RPM208N1LCD-L20P	20/16	8
RPM208N1LCD-IEC	20/16	8
RPM208N1LCD-HW	20/16	8
RPM2016N1LCD-20P	20/16	16
RPM2016N1LCD-L20P	20/16	16
RPM2016N1LCD-IEC	20/16	16
RPM2016N1LCD-HW	20/16	16
RPM2024N1LCD-20P	20/16	24
RPM2024N1LCD-L20P	20/16	24
RPM2024N1LCD-IEC	20/16	24
RPM2024N1LCD-HW	20/16	24
RPM308N1LCD-HW	30/24	8
RPM308N1LCD-L30P	30/24	8
RPM3016N1LCD-HW	30/24	16
RPM3016N1LCD-L30P	30/24	16
RPM3024N1LCD-L30P	30/24	24

Note: Products are not to scale.



Power Distribution Units (PDU)

Putting the Power to Manage & Monitor Your Devices in Your Hands

Minuteman Remote Power Management (RPM) devices are all TAA compliant, making them the ideal solution for network administrators to manage one or more locations. Connect and control from virtually anywhere with internet and your password.

Model	Amps (In/Out)	Outlets
RPM204I2LCD-L20P	20/20	4
RPM204I2LCD-HW	20/20	4
RPM208I2LCD-L20P	20/20	8
RPM208I2LCD-HW	20/20	8
RPM2016I2LCD-L20P	20/20	16
RPM2016I2LCD-HW	20/20	16
RPM2024I2LCD-L20P	20/20	24
RPM2024I2LCD-HW	20/20	24
RPM308I2LCD-L30P	30/24	8
RPM308I2LCD-HW	30/24	8
RPM3016I2LCD-L30P	30/24	16
RPM3016I2LCD-HW	30/24	16
RPM3024I2LCD-L30P	30/24	24
RPM3024I2LCD-HW	30/24	24



RPM308I2LCD



208 Volt Switched

POWER management on **YOUR TERMS!** Own the flexibility and freedom of **TOTAL CONTROL** to support your team's needs from wherever your day takes you!

RPM2024N1LCD



RPM3024I2LCD



Note: Products are not to scale.

Surge Protectors (MMS)

Peace-of-Mind Protection for Non-Critical Equipment



Minuteman's state-of-the-art surge protection safeguards your valuable electronic devices, providing them with stability during unexpected power disturbances.

Desktop

MMS-DSK6U3



MMS-POD4U4



Model	Joule Rating	Outlets
MMS-DSK6U3	1080J	6
MMS-POD4U4	1080J	4

Your **TEAMS' DESKTOP DEFENSE** against power surges and voltage fluctuations!

Wall Direct

MMS660S



MMS110



MMS-WAL6U3



MMS110	540J	1
MMS-WAL6U3	2160J	6
MMS660S	1080J	6

Your **FIRST LINE OF DEFENSE** against power surges and voltage fluctuations!

Extended

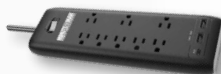
MMS362P



MMS780R



MMS-STP8U3



MMS7100RT



MMS362P	241J	6
MMS370	1080J	7
MMS664S	1080J	6
MMS-STP8U3	2160J	8
MMS780R	2160J	8
MMS7100RT	2880J	10

MMS664S



MMS370



Note: Products are not to scale.



Batteries

External Battery Packs and Replacement Batteries

Model	Description
BP192V10CRTXL	Battery Pack (VCRTXL): Battery Pack 192V 10Ah Rack/Tower
BP192V5CRTXL	Battery Pack (VCRTXL): Battery Pack 192V 5Ah Rack/Tower
BP240TWR	Battery Pack (TWR): Battery Pack for ED6/10KTF Series
BP240TWR-NB	Battery Pack (TWR-NB): Battery Pack for ED6/10KTF Series (without internal batteries)
BP24RTXL	Battery Pack (RTXL): Battery Pack for ED1000RTXL2U(NC), ED1000RMT2U(NC)
BP24RTXL2U	EC Battery Pack: Battery Pack - EC1000RTXL2U(NC)
BP24V72RTEXTL	Battery Pack (VRTEXTL): Extreme Runtime Bat Pack for Endeavor 1000VA models
BP24XL	Battery Pack (XL): Battery Pack for EC1000LCD
BP36CRTXL	Battery Pack (CRTXL): Battery Pack - EXR750RT2U(NC)-EXR1500RT2U(NC)
BP36V48RTEXTL	Battery Pack (VRTEXTL): Extreme Runtime Battery Pack - EXR750RT2U(NC)-EXR1500RT2U(NC)
BP48RTXL	Battery Pack (RTXL): Battery Pack for ED1500RTXL2U(NC), ED1500RMT2U(NC), ED2000RTXL2U(NC), ED2000RMT2U(NC)
BP48RTXL2U	EC Battery Pack: Battery Pack - EC1200RTXL2U(NC), EC2000RTXL2U(NC)
BP48V36RTEXTL	Battery Pack (VRTEXTL): Extreme Runtime Bat Pack for Endeavor 2000-3000VA models
BP48XL	Battery Pack (XL): Battery Pack for EC1500LCD / EC2000LCD
BP72CRTXL	Battery Pack (CRTXL): Battery Pack - EXR2000RT2U, EXR3000RT2U & ED3000RTXL2U
BP72RTXL2U	EC Battery Pack: Battery Pack - EC3000RTXL2U(NC)
BP72V24RTEXTL	Battery Pack (VRTEXTL): Extreme Runtime Battery Pack - ED3000RTXL2U, EXR2000RT2U, EXR3000RT2U, EXR3000RTHV
BP72XL	Battery Pack (XL): Battery Pack for EC3000LCD
BM0029	Replacement battery for E750RM2U, E1000RM2U, E750RT2U, E750RTXL2U(NC), E1000RT2U and E1000RTXL2U(NC)
BM0030	Replacement battery for E1500RM2U, E1500RMT2U, E1500RT2U, E1500RTXL2U(NC), and E1500RTXLT2U(NC)
BM0031	Replacement battery for E2000RM2U, E2000RT2U and E2000RTXL2U(NC)
BM0032	Replacement battery for E3000RM2U, E3000RMT2U, ED3000RM2U(NC), ED3000RMT2U, E3000RT2U, E3000RTXL2U(NC) AND E3000RTXLT2U(NC)
BM0033	Replacement battery for EBP36XL and BP36RTXL
BM0034	Replacement battery for EBP72XL, EDBP72XL and BP72RTXL
BM0035	Replacement battery for ED1000RM2U(NC) and ED1000RMT2U
BM0036	Replacement battery for ED1500RM2U(NC) and ED1500RMT2U
BM0037	Replacement battery for ED2000RM2U(NC) and ED2000RMT2U
BM0038	Replacement battery for EDBP24XL
BM0039	Replacement battery for EDBP48XL
BM0043	Replacement battery for PRO1000RT(NC)



Note: Products are not to scale.

Batteries

External Battery Packs and Replacement Batteries



**BRING YOUR
DEVICES BACK
TO LIFE AND
OPTIMIZE
THEIR FULL
POTENTIAL!**



Model	Description
BM0044	Replacement battery for PRO1500RT(NC)
BM0048	Replacement battery for PRO500LCD
BM0049	Replacement battery for PRO700LCD
BM0050	Replacement battery for PRO1100LCD
BM0051	Replacement battery for PRO1500LCD
BM0059	Replacement battery for EP500LCD
BM0060	Replacement battery for EP700LCD
BM0061	Replacement battery for EP1100LCD
BM0062	Replacement battery for EP1500LCD
BM0063	Replacement battery for ETR550LCD
BM0064	Replacement battery for ETR700LCD
BM0065	Replacement battery for ETR1000LCD
BM0066	Replacement battery for ETR1500LCD
BM0067	Replacement battery for EN350 and EN550
BM0068	Replacement battery for EN750LCD and EN900LCD
BM0069	Replacement battery for EC1000RT2U
BM0070	Replacement battery for EC1500RT2U and EC200RT2U
BM0071	Replacement battery for EC3000RT2U
BM0072	Replacement battery for PRO750RT2U
BM0073	Replacement battery for PRO1000RT2U
BM0074	Replacement battery for PRO1500RT2U
BM0075	Replacement battery for PRO2000RT2U
BM0076	Replacement battery for EC1000LCD
BM0077	Replacement battery for EC1500LCD and EC2000LCD
BM0078	Replacement battery for EC3000LCD
BM0079	Replacement battery for BP24XL
BM0080	Replacement battery for BP48XL
BM0081	Replacement battery for BP72XL
BM0082	Replacement battery for BP24V72RTEXTL
BM0083	Replacement battery for BP36V48RTEXTL
BM0084	Replacement battery for BP48V36RTEXTL
BM0085	Replacement battery for BP72V24RTEXTL
BM0086	Replacement battery for EXR750RT2U and EXR1000RT2U
BM0087	Replacement battery for EXR1500RT2U and EXR1500RTHV
BM0088	Replacement battery for EXR2000RT2U
BM0089	Replacement battery for EXR3000RT2U and EXR3000RTHV
BM0090	Replacement battery for BP36CRTXL

Note: Products are not to scale.

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