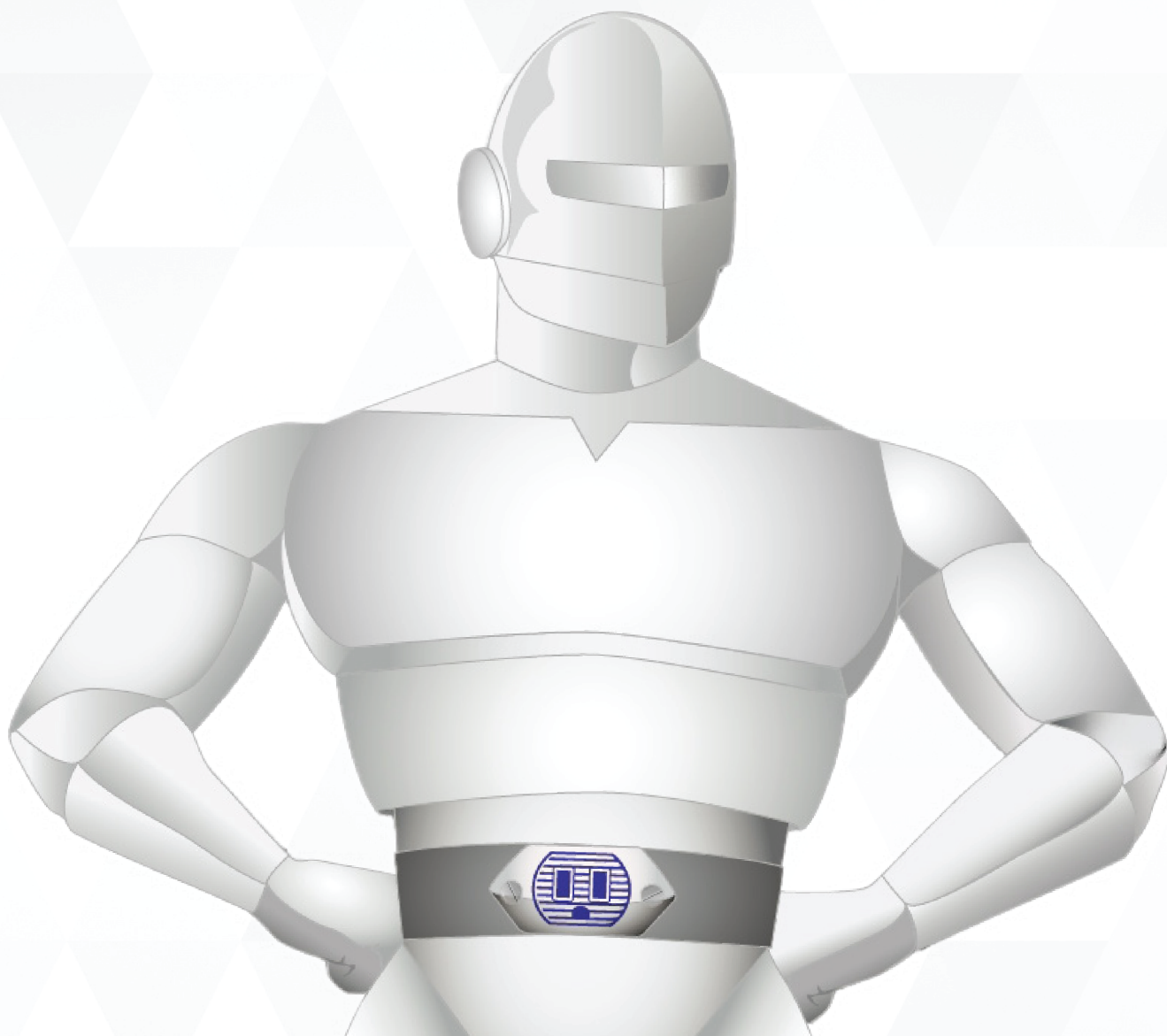# MINUTEMAN®
POWER TECHNOLOGIES
by Para Systems, Inc.

Minuteman Power Technologies

Toll free: 800.238.7272 | 972.446.7363
support@minutemanups.com | sales@minutemanups.com
www.minutemanups.com

MINUTEMAN®
POWER TECHNOLOGIES
by Para Systems, Inc.

OUR PROMISE

Peace of mind when power failure is not an option. We are backed by over forty years of exellence 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.

KEY:

EXR = *Extended Runtime*
HV = *Horizontal / Vertical*
HVI = *Horizontal/Vertical + IEC Outlets*
HVN = *Horizontal/Vertical + NEMA Outlets*
IEC = *International Electrotechnical Commission*
HW = *Hard Wired*
L = *Locking*

NC = *Network Card*
NB = *No Batteries*
NEMA = *National Electrical Manufacturers Association*
RT = *Rack Tower*
TAA = *Trade Agreements Act*
TF = *Transformer*

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

Entrust-LG

Model	VA / Watts	Runtime (mins)
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

Model	VA / Watts	Runtime (mins)
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

| Model	VA / Watts	Runtime
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.

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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)
EC1000RTXL2U	1000VA/900W	2/10
EC1000RTXL2UNC	1000VA/900W	2/10
EC1500RTXL2U	1500VA/1350W	5/15
EC1500RTXL2UNC	1500VA/1350W	5/15
EC2000RTXL2U	2000VA/1800W	3/10
EC2000RTXL2UNC	2000VA/1800W	3/10
EC3000RTXL2U	3000VA/2700W	3/10
EC3000RTXL2UNC	3000VA/2700W	3/10

Encompass RTXL

TAA COMPLIANT
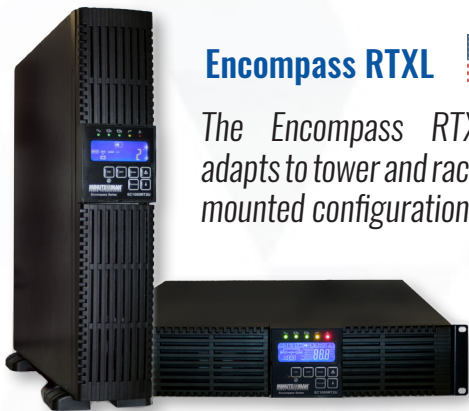
The Encompass RTXL adapts to tower and rack-mounted configurations.

Model	VA / Watts	Runtime (mins)
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

TAA COMPLIANT

The Encompass LCD is a tower only UPS.

The ENDURANCE Lithium Ion is a high-density, double-conversion Online UPS designed with advanced lithium battery technology to protect sensitive IT and business infrastructure, offering continuous power conditioning and pure sinewave output with flexible installation options.

Model	VA / Watts	Runtime (mins)
END1000RT2U-L	1000VA/900W	25/12
END1000RT2U-LNC	1000VA/900W	25/12
END1500RT2U-L	1500VA/1350W	21/9
END1500RT2U-LNC	1500VA/1350W	21/9
END2000RT2U-L	2000VA/1800W	32/15
END2000RT2U-LNC	2000VA/1800W	32/15
END3000RT2U-L	3000VA/2700W	25/12
END3000RT2U-LNC	3000VA/2700W	25/12

Endurance Lithium Ion

Online 1-3 kVA

Note: Products are not to scale.

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.

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

Endeavor 5-10kVA

Transformer

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

Model	VA / Watts	Runtime (mins)
ED6KTF	6000VA/5400W	5/14
ED10KTF	10000VA/9000W	3/12

Online 5-10 kVA

Note: Products are not to scale.

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

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

PRE-INSTALLATION SITE SURVEY

REMOTE (VIRTUAL) STARTUP

CONFIGURATION SERVICES

Bundles

PLATINUM SERVICE PACKAGE

SILVER SERVICE PACKAGE

GOLD SERVICE PACKAGE

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

EV-NETCARD-1G
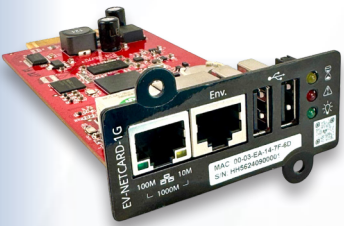
EV-PROBE-SMOKE

EV-PROBE-CONTACT

EV-PROBE-TH

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.

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**!

TAA COMPLIANT

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

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

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

RPM1521E

RPM1581HVN

RPM208N1LCD

RPM2016N1LCD

RPM3016I2LCD

120 Volt Switched

Note: Products are not to scale.

Note: Products are not to scale.

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.

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

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

TAA COMPLIANT

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

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

Desktop

MMS-DSK6U3   **MMS-POD4U4**

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

Model	Joule Rating	Outlets
MMS110	540J	1
MMS-WAL6U3	2160J	6

Wall Direct

MMS110   **MMS-WAL6U3**

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

Model	Joule Rating	Outlets
MMS362P	241J	6
MMS370	1080J	7
MMS-STP8U3	2160J	8
MMS7100RT	2880J	10

Extended

MMS362P   **MMS370**
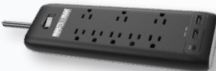
MMS-STP8U3   **MMS7100RT**

Note: Products are not to scale.

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Model	Description
BP192V10CRTXL	Battery Pack (VCRTXL) 192V 10Ah Rack/Tower
BP192V5CRTXL	Battery Pack (VCRTXL) 192V 5Ah Rack/Tower
BP240TWR	Battery Pack (TWR) ED6/10KTF Series
BP240TWR-NB	Battery Pack (TWR-NB): ED6/10KTF Series (without internal batteries)
BP24RTXL	Battery Pack (RTXL): ED1000RTXL2U(NC), ED1000RMT2U(NC)
BP24RTXL2U	Battery Pack: EC1000RTXL2U(NC)
BP24V72RTEXL	Battery Pack (VRTEXL): Extreme Runtime for Endeavor 1000VA models
BP24XL	Battery Pack (XL): EC1000LCD
BP36CRTXL	Battery Pack (CRTXL): EXR750RT2U(NC)-EXR1500RT2U(NC)
BP36V48RTEXL	Battery Pack (VRTEXL): Extreme Runtime for EXR750RT2U(NC)-EXR1500RT2U(NC)
BP48RTXL	Battery Pack (RTXL) ED1500RTXL2U(NC), ED1500RMT2U(NC), ED2000RTXL2U(NC), ED2000RMT2U(NC)
BP48RTXL2U	Battery Pack for EC1200RTXL2U(NC), EC2000RTXL2U(NC)
BP48V36RTEXL	Battery Pack (VRTEXL): Extreme Runtime for Endeavor 2000-3000VA mods
BP48XL	Battery Pack (XL): EC1500LCD / EC2000LCD
BP72CRTXL	Battery Pack (CRTXL): EXR2000RT2U, EXR3000RT2U & ED3000RTXL2U
BP72RTXL2U	Battery Pack: EC3000RTXL2U(NC)
BP72V24RTEXL	Battery Pack (VRTEXL): Extreme Runtime for ED3000RTXL2U, EXR2000RT2U, EXR3000RT2U, EXR3000RTHV
BP72XL	Battery Pack (XL) EC3000LCD

12V 5.0Ah
BM0042

PULL TAB
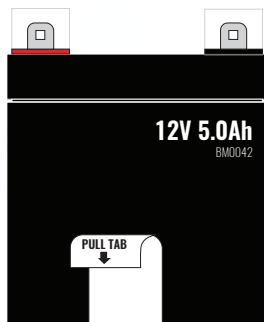
Replacement Batteries Available Online at

minutemanups.com/product-category/batteries

or Scan the QR Code at the Top of the Page
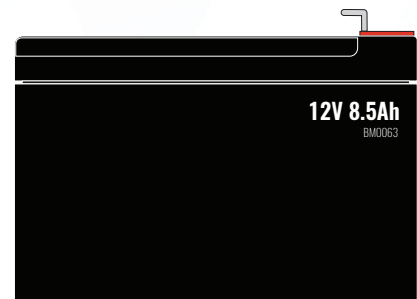
12V 8.5Ah
BM0063

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