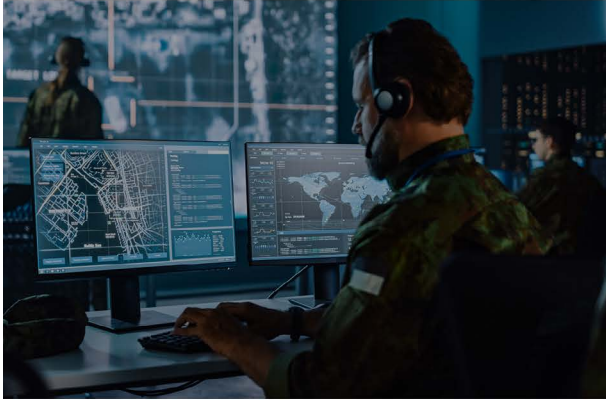
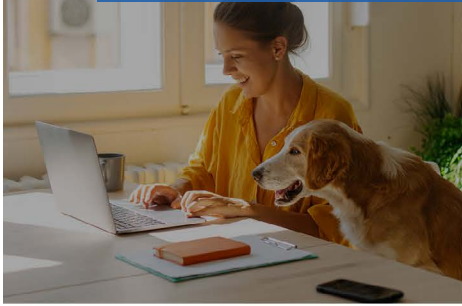


Lithium-ion Single Phase UPS Solutions

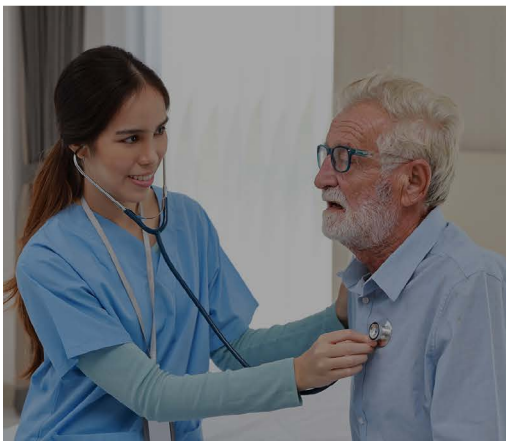
Product brochure

TRIPP LITE
SERIES



Lithium-ion Single Phase UPS Solutions

Reliable Power for Your Critical Applications



EATON

Powering Business Worldwide

Why Choose Lithium-ion UPS?

Lithium-ion technology offers several compelling advantages over traditional UPS systems, making it an excellent choice for modern power management needs:



Longer Lifespan

Lithium-ion batteries typically last up to 8 - 10 years, significantly longer than lead-acid batteries, which often need replacement every 3-5 years. This extended lifespan reduces maintenance costs and downtime.



Lighter Weight

Lithium-ion batteries are much lighter than their lead-acid counterparts, making them easier to install and handle. This reduced weight also means less strain on your infrastructure, allowing for more flexible placement options.



Faster Recharge Times

Lithium-ion batteries recharge much faster, often reaching full capacity in just a few hours compared to the 8-12 hours required for lead-acid batteries. This quick recharge capability ensures that your UPS is ready to provide backup power more quickly after an outage.



Higher Energy Density

Lithium-ion batteries have a higher energy density, meaning they can store more energy in a smaller space. This efficiency allows for more compact UPS designs, saving valuable space in your facility.



Better Performance in Extreme Conditions

Lithium-ion batteries perform better in a wider range of temperatures and environmental conditions, ensuring reliable operation even in challenging settings.



Lower Total Cost of Ownership

Despite a higher initial cost, the longer lifespan, reduced maintenance, and improved efficiency of lithium-ion batteries result in a lower total cost of ownership over the life of the UPS.



Environmental Benefits

Lithium-ion batteries are more environmentally friendly, with fewer toxic materials and a higher recycling rate compared to lead-acid batteries. This makes them a more sustainable choice for your power management needs.

Choosing a Lithium-ion UPS means investing in a reliable, efficient, and sustainable power solution that meets the demands of today's critical applications.

Eaton Lithium-ion UPS Models

Key Features and Benefits:

Eaton Branded UPS

- **Pure Sine Wave:** Provides clean, stable power essential for sensitive electronics, ensuring efficient operation and reducing the risk of damage or malfunction.
- **Extended Runtime with EBM (External Battery Module):** Provides extended backup power during outages, giving more time to save work and safely shut down systems, crucial for critical applications.
- **Hot-swappable Battery:** Allows battery replacement without shutting down the UPS or connected equipment, ensuring continuous protection and minimizing maintenance downtime.
- **Cold Start:** Allows the UPS to start directly from its battery without input power, ensuring critical systems can operate when the main power supply is unavailable.
- **Automatic Restart:** Automatically powers up the UPS and connected devices when the battery is sufficiently charged and input power is stable, ensuring systems restart without manual intervention after an outage.
- **Auto-start:** Automatically activates the UPS when input power is within the acceptable range. Ensuring continuous protection without manual startup, enhancing convenience and reliability.
- **Advanced Battery Management:** ABM uses a unique three-stage charging technique that significantly extends battery service life compared to traditional trickle charging methods.

Gigabit Network M3 Card

- **UL 2900-1 and IEC 62443-4-2 Cybersecurity Standards:** Chain-of-trust encryption, password management and a user- configurable firewall are three key enhancements included.
- **Competitive Edge:** Integrates with Eaton's Brightlayer Data Centers suite and compatible Eaton UPS systems.
- **Remote Firmware Upgrade:** Network card can upgrade firmware on select UPS system.
- **Remote Monitoring and Management:** Remote UPS monitoring and management, allowing for real-time response to power events and reinforcing business continuity.
- **Control Load Segments:** Computers can be rebooted remotely with load segment controls or automatically.
- **Wide Network Compliance:** Gigabit speed for compliance with networking equipment and gigabit-only data center networks.
- **Automate Deployments:** Zero-touch provisioning; auto-configuration commissions devices faster, saving time exponentially in large-scale deployments.
- **Advanced Data Analytics:** Visibility into power metrics for identifying problematic trends and proactively detecting aging power hardware components.

Eaton Models



Eaton 5P 550 Rack 1U Li-Ion G2 | Eaton 5P 550 Rack 1U Li-Ion G2 with Network Card M3

VA/Watt Rating: 550VA, 495W

Catalog Number: 5P550RG2-L | 5P550RNG2-L



Eaton 5P 1000 RT 2U Li-Ion G2 | Eaton 5P 1000 RT 2U Li-Ion G2 with Network Card M3

VA/Watt Rating: 1000VA, 920W

Catalog Number: 5P1000RT2UG2-L | 5P1000RT2UNG2-L



Eaton 5P 1550 RT 2U Li-Ion G2 | Eaton 5P 1550 RT 2U Li-Ion G2 with Network Card M3

VA/Watt Rating: 1440VA, 1350W

Catalog Number: 5P1550RT2UG2-L | 5P1550RT2UNG2-L



Eaton 5P Li-ion extended battery module (EBM) G2

Catalog Number: 5PEBM36VRT-L



5P1500R-L | 5P1500RN-L with Network Card

VA/Watt Rating: 1440VA, 1100W

Eaton Tripp Lite Series –

Comprehensive Features and Benefits

Eaton Tripp Lite Series UPS (Selected Models)

- **Pure Sine Wave:** Provides clean, stable power essential for sensitive electronics, ensuring efficient operation and reducing the risk of damage or malfunction.
- **Extended Runtime with EBM (External Battery Module):** Provides extended backup power during outages, giving more time to save work and safely shut down systems, crucial for critical applications.
- **Hot-swappable Battery:** Allows battery replacement without shutting down the UPS or connected equipment, ensuring continuous protection and minimizing maintenance downtime.
- **Cold Start:** Allows the UPS to start directly from its battery without input power, ensuring critical systems can operate when the main power supply is unavailable.
- **Automatic Restart:** Automatically powers up the UPS and connected devices when the battery is sufficiently charged and input power is stable, ensuring systems restart without manual intervention after an outage.
- **Auto-start:** Automatically activates the UPS when input power is within the acceptable range, ensuring continuous protection without manual startup, enhancing convenience and reliability.

Network card – WebcardLXE

- **Competitive Edge:** Integrates with Eaton's Brightlayer Data Centers suite and compatible Eaton UPS systems
- **Remote Monitoring and Management:** (PowerAlert) Remote UPS monitoring and management, allowing for real-time response to power events and reinforcing business continuity.
- **Control Load Segments:** Computers can be rebooted remotely with load segment controls or automatically.
- **Wide Network Compliance:** 10-100Mb/s speed for compliance with networking equipment and gigabit-only data center networks.
- **Automate Deployments:** Zero-touch provisioning; auto-configuration commissions devices faster, saving time exponentially in large-scale deployments.



Eaton Tripp Lite Series Models



SMART1000RM2UL | SMART1000RM2ULN with Network Card

VA/Watt Rating: 1000VA / 800W

Catalog Number: SMART1000RM2UL |
SMART1000RM2ULN



SMART1500RM2UL | SMART1500RM2ULN with Network Card

VA/Watt Rating: 1500VA / 1440W

Catalog Number: SMART1500RM2UL |
SMART1500RM2ULN



SMART2200RM2UL | SMART2200RM2ULN with Network Card

VA/Watt Rating: 2200VA / 1920W

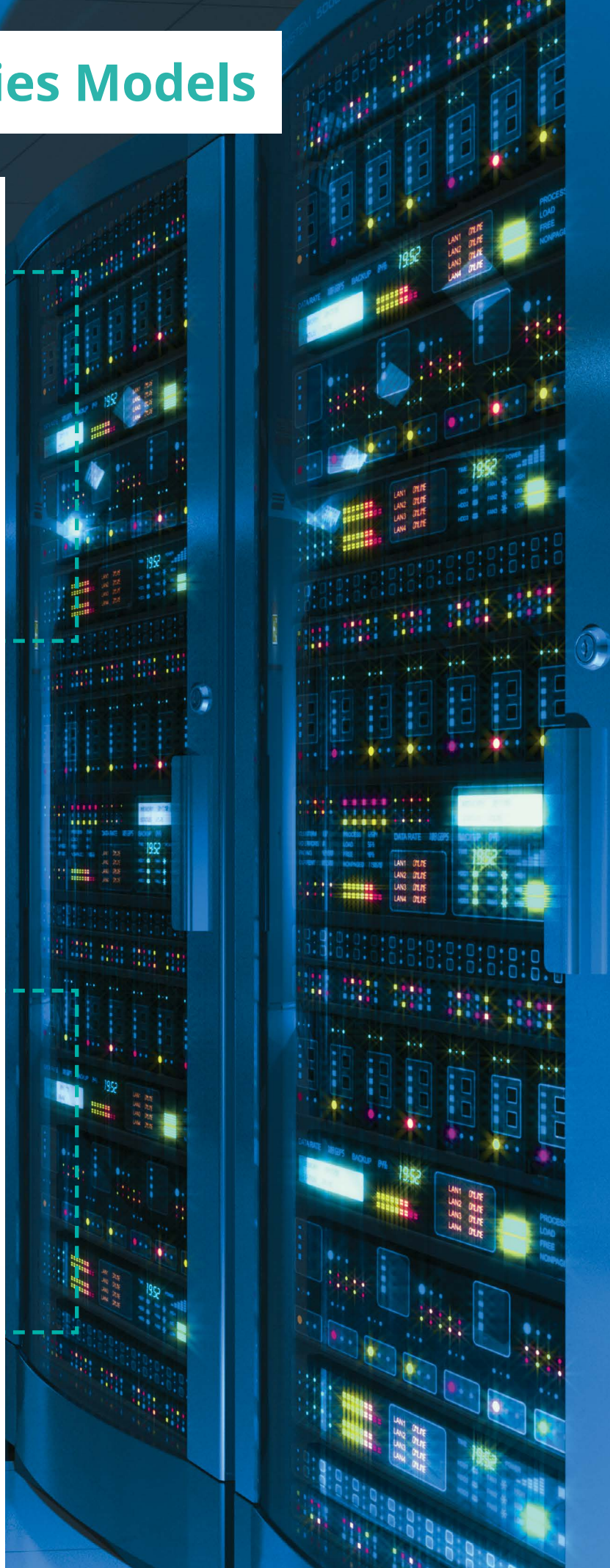
Catalog Number: SMART2200RM2UL |
SMART2200RM2ULN



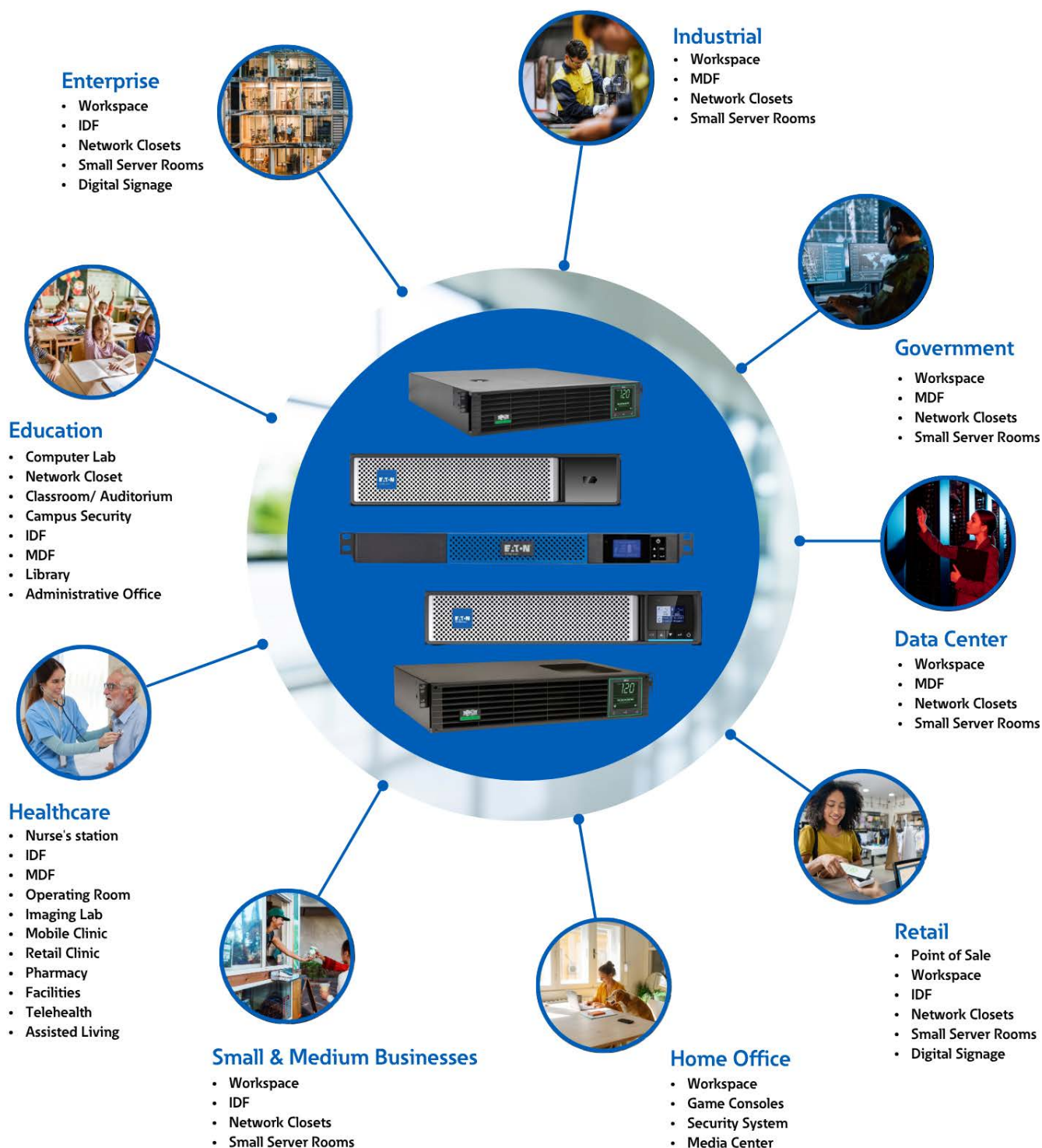
SMART3000RM2UL | SMART3000RM2ULN with Network Card

VA/Watt Rating: 3000VA / 2250W

Catalog Number: SMART3000RM2UL |
SMART3000RM2ULN



Target Market Segments and Applications





Make the switch to lithium-ion batteries
and elevate your UPS performance

For more information, visit
Eaton.com/Lithium

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United States
Eaton.com

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