



APPLICATION GUIDE

Power Solutions Across Every Industry

INDUSTRY OVERVIEW

Enterprise IT environments demand the highest levels of power quality and management visibility. Modern data centers require UPS systems that deliver true double-conversion online protection, support high power density, integrate with DCIM and monitoring platforms, and scale with organizational growth.

From core switching and virtualization hosts to SAN storage and VoIP infrastructure, every component in the enterprise stack requires clean, conditioned power with zero tolerance for transfer time or power quality degradation. Enterprise power infrastructure must also support remote management, and energy-efficient operation to meet organizational sustainability and cost objectives.

WHY INSTALL ENTERPRISE POWER PROTECTION?

Zero Downtime

Enterprise applications, databases, and communication systems require 99.999% availability. Even millisecond power events can cause server reboots, cluster failovers, and data corruption.

Power Density

Modern data centers pack more compute per rack than ever. High-density UPS solutions must deliver maximum protection in minimum rack space.

Deployment Ready

Enterprise power infrastructure must grow with the organization. Pre-fabricated and IT deployment ready UPS solutions allow capacity expansion without forklift upgrades.

Management & Visibility

IT teams need real-time power metrics, predictive alerts, and integration with DCIM, [SNMP](#), and monitoring platforms for proactive infrastructure management.



This application guide helps data center managers, network engineers, and IT directors select enterprise-grade power infrastructure for mission-critical server rooms and network environments.

EQUIPMENT PROTECTED

- Data Center Server Racks
- Network Core Switching
- SAN/NAS Storage Systems
- Virtualization & HCI Hosts
- VoIP & UC Infrastructure
- Colocation Equipment
- Enterprise Wi-Fi Controllers
- Building Management System Servers

RECOMMENDED MINUTEMAN SOLUTIONS

Endeavor® 5–10kVA Online

- 5–10kVA scalable capacity
- High power factor (>0.9)
- Advanced energy efficiency (up to 96%)
- LCD display, SNMP slot
- Extended battery modules “EBMs” available for extended runtime

Endeavor® 6 & 10kVA Tower UPS

- Large-capacity tower for data centers
- True double-conversion online
- [SNMP](#) card slot, LCD display
- EBM support for extended runtime
- Ideal for server rooms and network cores

Endurance® Lithium Online

- LiFePO4 — 10-year battery design life
- High-density double-conversion
- Lighter weight for high-density racks
- Remote management ready
- Lower TCO vs. VRLA batteries

Encompass® RTX Online UPS (1–3kVA)

- TAA Compliant — government IT procurement
- Double-conversion online protection
- Compact rack/tower form factor
- SNMP monitoring card slot
- EBM support for extended runtime

Power Cabinet (24U / 42U)

- Integrated UPS + rack enclosure solution
- Organized cable management
- 42U and 24U configurations
- Locking security, ventilation options

OE SERIES POWER DISTRIBUTION UNITS (PDU)

OE Series Basic PDU — Rack-Mount Power Distribution

OE Series PDUs are essential for enterprise rack deployments — distributing UPS-protected power across multiple servers, switches, and storage devices within each rack. Multiple outlet configurations and form factors fit any rack layout.

- Horizontal rack-mount form factor — 1U or 0U vertical configurations
- Multiple outlet counts (6, 8, 10, 12, 14, 16, 20) to match any deployment
- 15A and 20A circuit breaker options for standard and high-power loads
- Cost-effective clean power distribution delivered to every device in the rack

ACCESSORIES, SOFTWARE & SUPPORT

RPM® Remote Power Managers

2-port, 4-port, 8-port, 16-port, EV6/LCD configurations. Per-outlet switching, scheduling, and energy metering. [SNMP](#)/web management integrates with DCIM platforms.

SNMP Monitoring Cards

Real-time UPS metrics, alerts, and management. Integrates with enterprise monitoring platforms (Nagios, PRTG, SolarWinds, etc.) with advanced encryption protocols: HTTPS, SSL, SSH, SNMPv3. Compatible with IPv4 and IPv6 support.

SentryHD Software

Multi-UPS monitoring and automated graceful shutdown for VMware, Hyper-V, and bare-metal servers. Centralized dashboard for entire UPS fleet.

Service Programs

Extended warranty, preventive maintenance, battery replacement programs, and on-site service to maximize UPS lifecycle and minimize unplanned downtime.

Free Online Tools

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