



Liebert®

EXM UPS

10-250 kVA/kW

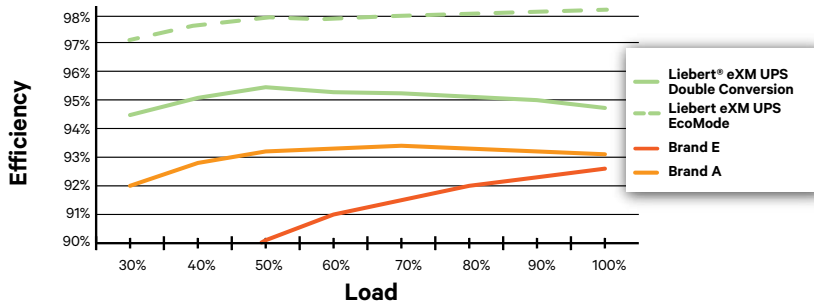
Efficient, Scalable, Intelligent
Power Optimized for Midsize IT



A Midsize UPS As Dynamic As Your Needs

Liebert® EXM 3-Phase AC UPS

- 10-250kVA, 208 & 480 Volt Native
- Unity Power Factor
- Up to 99% Efficient
- Optimized Ancillaries provide Flexible Deployment
- UL 924 Listed
- Next Generation Scalable Functionality
- Next Generation Touchscreen Control Panel
- 480V Models Qualified for Use with Lithium-ion Batteries and Flywheels

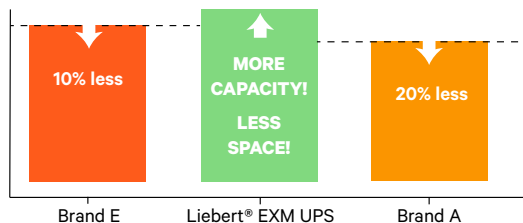


Efficient and Economical So You Can Control Your Costs

The Liebert EXM UPS was purposefully designed to provide efficient power protection that can meet your operating and capital requirements.

- Unity Power Factor ensures more power is provided in a smaller footprint, thus increasing system capacity while minimizing cabling and installation costs
- Delivers high efficiency levels throughout the capacity range
- 208 or 480 volt systems
- Transformer-free design saves space, capital, weight and shipping costs
- Superior operating efficiencies are realized through both the Eco-Mode option, which performs at 99% and the Double Conversion Mode, which delivers 97% (480V models)
- ENERGY STAR® qualified

Unity Power Factor Makes a Difference



Based on a 100kVA 100A 100% rated breaker

The Liebert EXM UPS is ideal for:

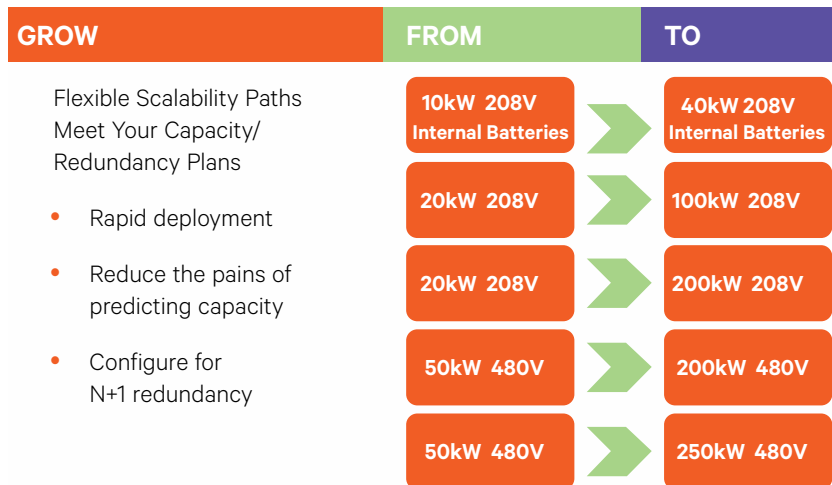
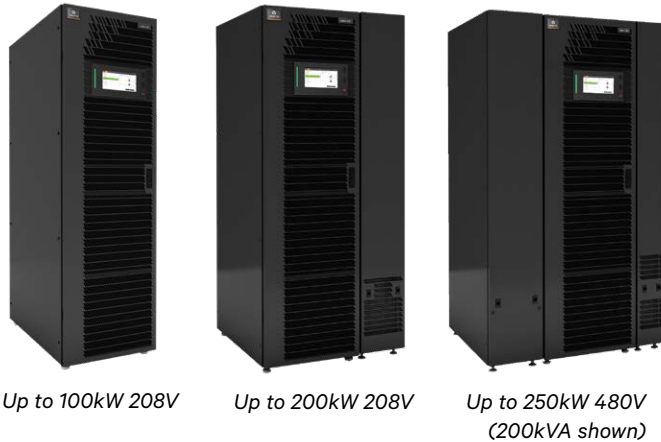
- Small to midsize IT applications
- Edge of the network operations
- Midsize/regional colocation facilities
- Testing, medical and telecom systems
- Emergency lighting



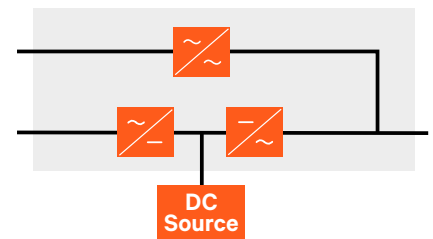
Flexible Configurations and Deployment Options

Adapt and Scale with Ease

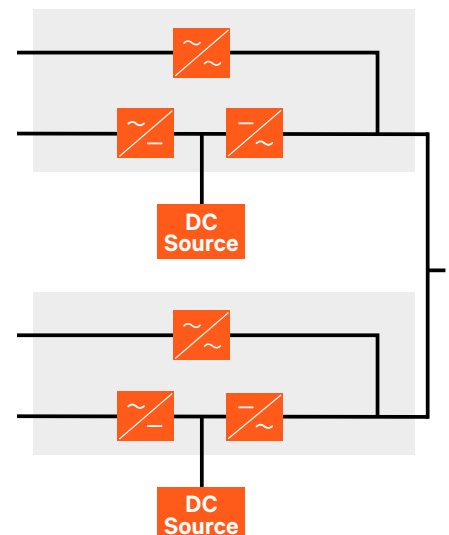
The flexible, scalable, redundant design of the Liebert® EXM UPS is available in many system configurations to ensure optimal power protection.



Single Module System (SMS)



Distribute Bypass



Availability Designed In

On-line, double conversion design delivers reliable power and highest levels of uptime.

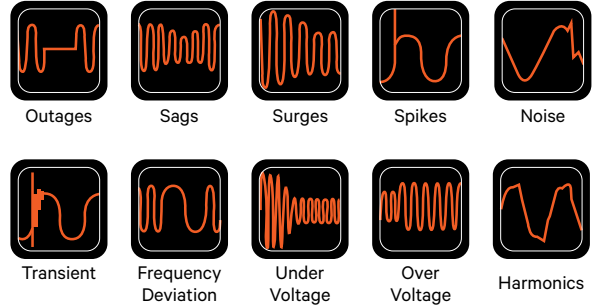
- Multi-module configurations enhance availability
- Internally redundant design reduces switches to bypass
- Standard 65kA short circuit withstand rating (certain conditions may apply)
- Easy access to key components
- High Mean Time Between Failure (MTBF) performance
- Redundant communication paths ensures reliable control

Capacity, Redundancy, Flexibility

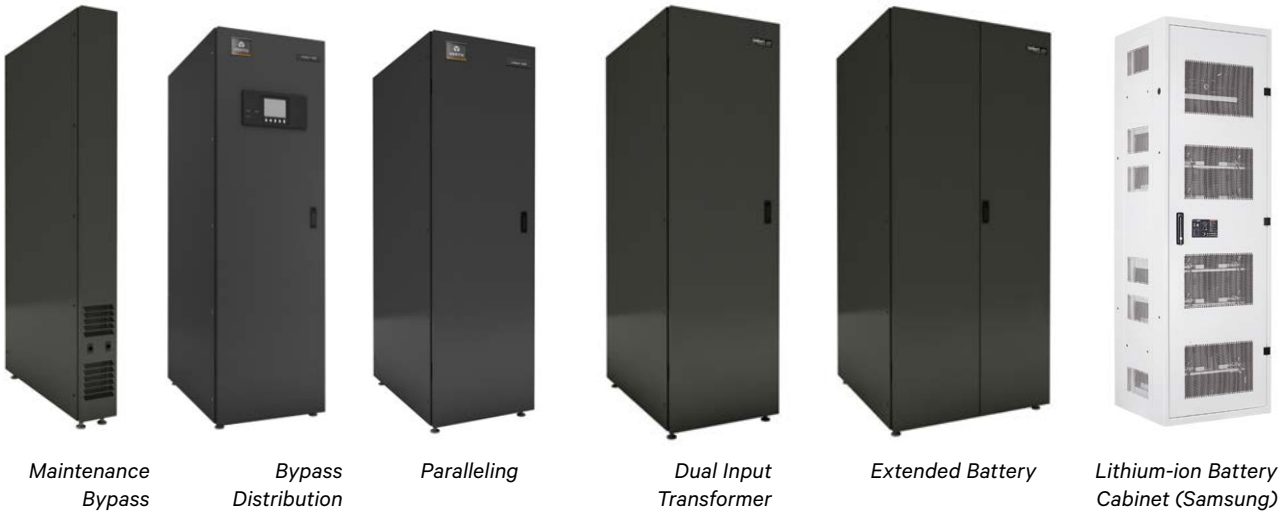
The Liebert® EXM UPS provides future-proof scalability along with matching ancillary cabinets to address your power system demands.

- Maintenance bypass cabinet
- Bypass and distribution cabinet
- Battery cabinet (many run time options), Lithium-ion available with 480V models
- Dual input transformer cabinet
- Paralleling cabinet (parallel for higher capacity or redundancy)

Protection from critical power problems



Optimized Ancillaries (various sizes available)



Multi-Module Flexibility

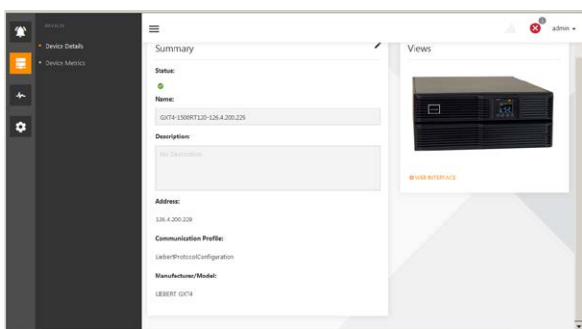
- Matching Paralleling Cabinet supports up to a 2+1 configuration
- Options for up to 4+0 can be supported using third party switchgear



Intuitive, Intelligent Operation at Every Level

Touch-Screen Control Panel Offers Intelligent Control

- Intuitive, easy to use to reduce chances of human error
- Improves productivity by providing information you need
- Power performance parameters visualized
- Service and maintenance support at your fingertips
- Compatible with The Vertiv™ Power Insight



Optional Integrated Albér® Battery Monitoring Systems

- Advance warning of pending UPS battery failures
- Real-time system and component level visibility
- Verify the health of the entire battery system
- Integrated into the battery cabinet



Alber™ BDSUi Battery Monitor

Communications and Environmental Monitoring:

Leverage the capabilities of our Unity Communications card and sensors to easily daisy chain together data inputs.

- Temperature
- Humidity
- Access
- Leaks
- More



SOFTWARE

Vertiv connects and protects your network with core-to-edge solutions and unmatched expertise.

For maximum visibility and effective monitoring in one view, pair your Vertiv™ UPS with a software solution.



Environet Alert

Vertiv™ Environet™ Alert provides industry companies with critical facility monitoring software that is affordable and easy to use. This solution delivers superior monitoring, alerting, trending and data organization. Get monitoring, alerting and trending at a price that's right for your business.



Vertiv™ Power Insight

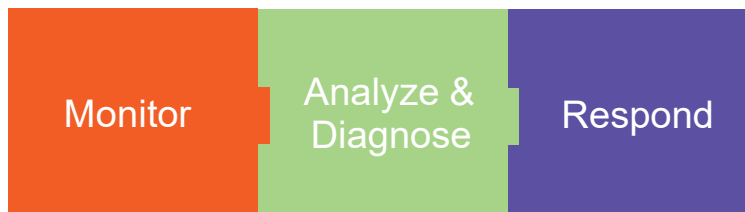
Vertiv™ Power Insight is a complimentary web-based software designed for users with a distributed infrastructure that need a way to manage multiple devices.

It is a simple to install, easy to use solution that provides a single interface for up to 100 UPSs or rPDUs.

Critical Services And Support

Life™ Services

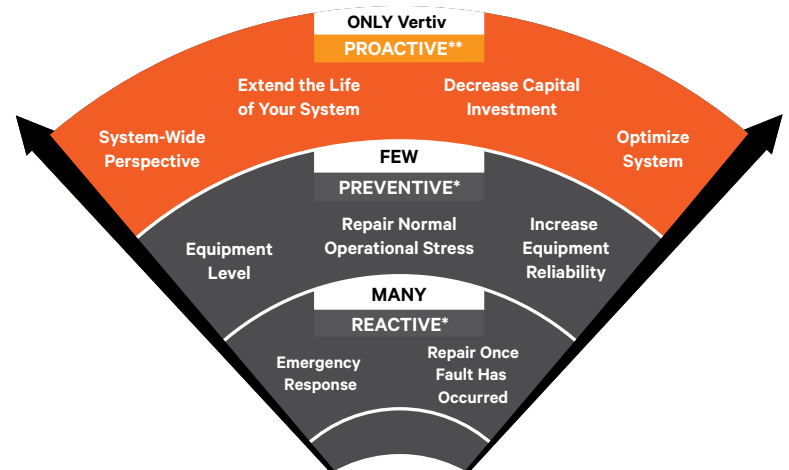
- 24x7 continuous remote monitoring
- Expert analysis and diagnosis
- Quick, safe and accurate response
- Just one of the professional service & support options available to improve uptime, cost control and resource allocation



Liebert® Services

Maximizing the performance and efficiency of your data center's uninterruptible power supply (UPS) and other power distribution systems requires systems be properly maintained by factory-trained technicians. Trust Vertiv, Liebert Services to take your critical maintenance to the next level-proactive maintenance that can significantly extend the life of your power systems, decrease your capital investment, optimize system efficiency and effectiveness, and increase overall system availability.

- 24x7 critical maintenance response
- Proactive service, extends system life
- Improved MTBF and MTTR
- Local factory trained engineers ready to respond
- Parts, expertise, satisfaction



Specifications

| | | 208V Native | 208V Native | 480V Native | |
|--|--|--|--|---|---|
| | Power Rating – kW/kVA | 10, 15, 20, 30, 40 | 60, 80, 100, 120, 140, 160, 180, 200 | 30, 40, 50, 75, 100, 125, 150, 175, 200, 225, 250 | |
| | Internal Battery Supported | Y | N | N | |
| Input AC Specifications | Phase/Power Factor/ Freq | 3 / 0.99 lagging minimum at full load / 40-70 Hz | | | |
| | Input Voltage | 208, 220, 480 ¹ , 600 ¹ VAC, 60Hz, 3-phase, 4-wire plus ground | | | |
| General Specifications | UPS Technology | On-Line Double Conversion | | | |
| Battery Specifications | Battery Test Type/ Battery Technology | Online / Valve-regulated lead acid battery / Lithium-ion (for 480V only) | | | |
| Output AC Specifications | Voltage | 208/120, 220/127VAC, 60Hz 3-phase, 3- or 4-wire plus ground | 480VAC, 60Hz 3-phase, 3-wire plus ground | | |
| | Frequency – Hz | 60 Hza | | | |
| Communications | Options | 3 Liebert IntelliSlots | | | |
| | Card Compatibility | IS-UNITY-DP, IS-UNITY-LIFE, IS-485EXI, IS-RELAY | | | |
| | Protocols Available | MODBUS-IP, MODBUS-485, BACNET-IP, BACNET-MSTP, SNMP, HTTP, LIFETM Services, Relay Contacts | | | |
| Environmental Sensors | Liebert SN Series | Temperature, Humidity, Temperature/Humidity Combination, Contact Closure | | | |
| Physical Data UPS | UPS Rating | Unit Weight lb (kg) | Dimensions, W X D X H in (mm) | Unit Weight lb (kg) | Dimensions, W X D X H in (mm) |
| | 10kVA, 15kVA, 20kVA | 604 (274) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | N/A | N/A |
| | 30kVA, 40kVA | 678 (307.5) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | 748 (339) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) |
| | 50kVA | 678 (307.5) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | 748 (339) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) |
| | 60kVA | 807 (366) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | N/A | N/A |
| | 75kVA | N/A | N/A | 842 (382) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) |
| | 80kVA | 881 (399.6) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | N/A | N/A |
| | 100kVA | 955 (433.1) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | 842 (382) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) |
| | 120kVA | 1221 (553.8) | 34.6 x 39.5 x 78.7 (880 x 1000 x 2000) | N/A | N/A |
| | 125kVA | N/A | N/A | 936 (425) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) |
| | 150kVA | N/A | N/A | 936 (425) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) |
| | 160kVA | 1368 (620.5) | 34.6 x 39.5 x 78.7 (880 x 1000 x 2000) | N/A | N/A |
| | 175kVA | N/A | N/A | 1030 (467) | 33.0 x 39.5 x 78.7 (880 x 1000 x 2000) |
| | 180kVA | 1442 (654) | 34.6 x 39.5 x 78.7 (880 x 1000 x 2000) | N/A | N/A |
| | 200kVA | 1516 (687.6) | 34.6 x 39.5 x 78.7 (880 x 1000 x 2000) | 1030 (467) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) |
| | 225kVA | N/A | N/A | 1030 (467) | 33.0 x 39.5 x 78.7 (840 x 1000 x 2000) |
| | 250kVA | N/A | N/A | 1244 (564) | 33.0 x 39.5 x 78.7 (840 x 1000 x 2000) |
| Physical Data Ancillaries | | Weight lb (kg) | Dimensions, W X D X H in (mm) | Weight lb (kg) | Dimensions, W X D X H in (mm) |
| | 600mm Bypass Distribution Cabinet | 550 (250) | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | N/A | N/A |
| | 300mm Maintenance Bypass Cabinet | 288 (131) | 7.9 x 39.5 x 78.7 (200 x 1000 x 2000) | 288 (131) | 11.8 x 39.5 x 78.7 (300 x 1000 x 2000) |
| | 200mm Maintenance Bypass Cabinet | 198 (90) | 7.9 x 39.5 x 78.7 (200 x 1000 x 2000) | 198 (90) | N/A |
| | 1200mm Battery Cabinet | N/A | N/A | 4907 (2226) with HX540 batteries | 1200mm battery cabinet 47.3 x 39.5 x 78.7 (1200 x 1000 x 2000) |
| | 880mm Battery Cabinet | 3649 (1656) with HX540 batteries | 34.7 x 39.5 x 78.7 (880 x 1000 x 2000) | 2962 (1344) with HX300 batteries | 34.7 x 39.5 x 78.7 (880 x 1000 x 2000) |
| | 600mm Battery Cabinet | 2454 (1114) with HX330 batteries | 23.6 x 39.5 x 78.7 (600 x 1000 x 2000) | N/A | N/A |
| | 320mm Battery Cabinet | 1432 (650) with HX205 batteries | 12.6 x 39.5 x 78.7 (320 x 1000 x 2000) | N/A | N/A |
| | Lithium-ion Battery Cabinet (Samsung) | N/A | N/A | 1200 (545) with batteries | 26 x 24 x 81 (650 x 600 x 2055) |
| Environmental | | Operating Temperature , °F (°C): UPS: 32° to 104°F (0-40°C); Battery: 68° to 86°F (20-30°C). Relative Humidity : 0% to 95%, non-condensing. Operating Altitude : Up to 3,300 ft. (1,000m) without derating. Acoustical Noise, db, at 39 in. : Less than 59 dBA typical, 3.3 ft. (1m) from the unit | | | |
| Agency/Certification/ Conformance | | Listed to UL 1778 , UL 924 and CSA certified. Meets current requirements for safe high performance UPS operation. ENERGY STAR® qualified. Seismic and OSHPD certified. | | | |
| Warranty Standard | | 1 year | | | |



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