



Liebert®

eXM™ UPS

10-250 kVA/kW

Efficient, Scalable, Intelligent Power  
Optimized for Midsize IT



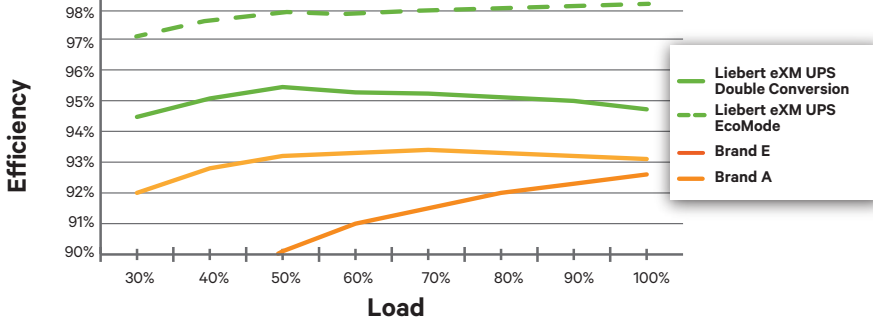
## A Midsize UPS As Dynamic As Your Data Center

### Efficient and Economical So You Can Control 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
- Vertiv™'s 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

### Liebert eXM UPS (40kVA/kW, 208V) in Double Conversion Mode



### 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

### 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



### Intuitive, Intelligent Operation

#### 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 Trellis™ Platform



#### 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



Albér BDSUi Battery Monitor

## Flexible Configurations and Deployment Options

### Scale With Ease

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



Up to 100kW 208V

Up to 200kW 208V

Up to 250kW 480V  
(200kVA shown)

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

## CRITICAL SERVICES AND SUPPORT

### LIFE Services for

- 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

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



### 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)
- Transformer cabinet
- Paralleling cabinet (parallel for higher capacity or redundancy).

GROW	FROM	TO
Flexible Scalability Paths Meet Your Capacity/ Redundancy Plans	10kW 208V Internal Batteries	40kW 208V Internal Batteries
	20kW 208V	100kW 208V
	20kW 208V	200kW 208V
	50kW 480V	200kW 480V
	50kW 480V	250kW 480V

- Rapid deployment
- Reduce the pains of predicting capacity
- Configure for N+1 redundancy

Specifications

		208V NATIVE	208V NATIVE	480V NATIVE	
Power Rating – kW/kVA		10, 15, 20, 30, 40	60, 80, 100, 120, 140, 160, 180, 200	50, 100, 150, 200, 250	
Internal Battery Supported		Y	N	N	
Input AC Specifications		3 / 0.99 lagging minimum at full load / 40-70 Hz			
Phase/Power Factor/ Freq Range					
Input Voltage		208, 220, 480 <sup>1</sup> , 600 <sup>1</sup> VAC, 60Hz, 3-phase, 4-wire plus ground		480, 600 VAC, 60Hz, 3-phase, 3-wire plus ground	
General Specifications		On-Line Double Conversion			
UPS Technology					
Battery Specifications		Online / Valve-regulated lead acid battery			
Battery Test Type/ Battery Technology					
Output AC Specifications		208/120, 220/127VAC, 60Hz 3-phase, 3- or 4-wire plus ground		480VAC, 60Hz 3-phase, 3-wire plus ground	
Voltage					
Frequency – Hz		60 Hza			
Communications		3 Liebert IntelliSlots			
Options					
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			
Liebert SN Series					
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)		
	30kVA, 40kVA	678 (307.5)	23.6 x 39.5 x 78.7 (600 x 1000 x 2000)		
	50kVA	N/A	N/A	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)		
	80kVA	881 (399.6)	23.6 x 39.5 x 78.7 (600 x 1000 x 2000)		
	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)		
	140kVA	1295 (587.4)	34.6 x 39.5 x 78.7 (880 x 1000 x 2000)		
	150kVA			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)		
	180kVA	1442 (654)	34.6 x 39.5 x 78.7 (880 x 1000 x 2000)		
	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)
	250kVA	N/A	N/A	1244 (564)	33.0 x 39.5 x 78.7 (880 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)	11.8 x 39.5 x 78.7 (300 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)	7.9 x 39.5 x 78.7 (200 x 1000 x 2000)
	1200mm Battery Cabinet2	N/A	N/A	4907 (2226) with HX540 batteries	47.2 x 39.5 x 78.7 (1200 x 1000 x 2000)
	880mm Battery Cabinet2	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 Cabinet2	2454 (1114) with HX330 batteries	23.6 x 39.5 x 78.7 (600 x 1000 x 2000)	N/A	N/A
	320mm Battery Cabinet3	1432 (650) with HX205 batteries	12.6 x 39.5 x 78.7 (320 x 1000 x 2000)	N/A	N/A
Environmental	<b>Operating Temperature</b> , °F (°C): UPS: 32° to 104°F (0-40°C); Battery: 68° to 86°F (20-30°C). <b>Relative Humidity</b> : 0% to 95%, non-condensing. <b>Operating Altitude</b> : Up to 3,300 ft. (1,000m) without derating. <b>Acoustical Noise, db, at 39 in.</b> : Less than 59 dBA typical, 3.3 ft. (1m) from the unit				
Agency/Certification/Conformance	Listed to UL 1778 and CSA certified. Meets current requirements for safe high performance UPS operation. ENERGY STAR® qualified				
Warranty Standard	1 year				



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