

LIEBERT® EXS™ UPS

10, 15 and 20 kVA/kW, 208/220V
Three-Phase Tower



OVERVIEW

The Liebert® EXS™ is an on-line, three-phase (in/out), 208/220V integrated UPS, optimized with a compact footprint. Standard configurations offer a reliable and economical power solution in 10, 15 and 20kVA capacities.

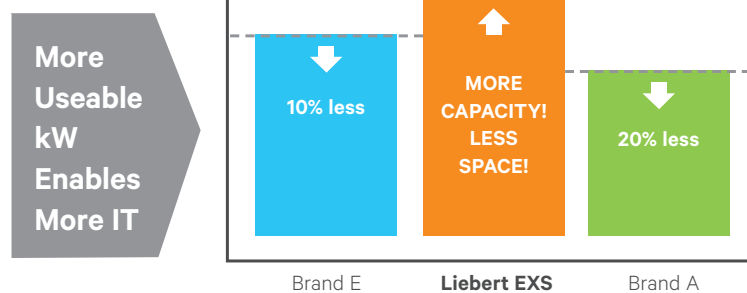
Key Benefits

- Integrated solution supports faster deployments
- Compact, high power density design offers a small footprint
- Flexible UPS, power distribution and battery arrangements to meet capacity and runtime demands
- Efficient operation saves energy
- High power factor delivers more usable power
- Easy to install
- Integrated maintenance by-pass option ensures greater availability
- Intelligent monitoring and management offers improved visibility and control

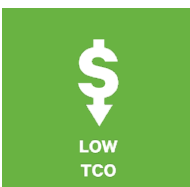
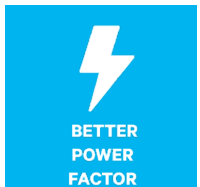
Consider the Liebert EXS UPS when you need to quickly and easily power vital systems most anywhere, including the IT Edge.



Liebert EXS UPS 10 kVA/kW and 15-20kVA/kW



More Useable kW Enables More IT



Ideally Suited For Powering a Variety of IT Systems:

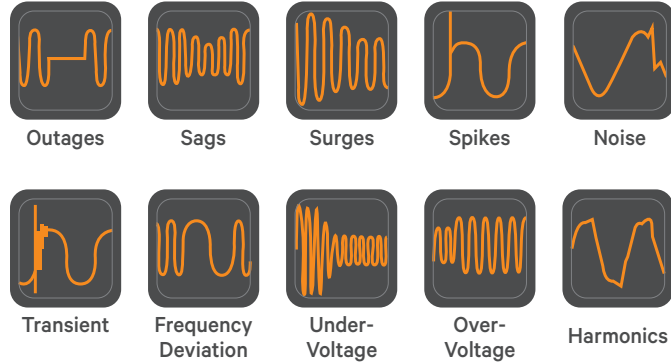
- Small data rooms
- IT closets, servers and storage
- Branch, small-midsize IT systems
- Medical/lab testing equipment
- VoIP
- ISDN & frame relay applications
- Storage systems
- Security systems

High Availability

Reliable performance and high availability are derived through a proven on-line, double conversion, transformer-free design.

- Integrated Maintenance Bypass ensures critical loads operate even during service
- Short circuit withstand rating up to 30kA
- Temperature compensating battery charger prolongs battery life

Protection from critical power problems



Flexible, Efficient Integration

The Liebert® EXS™ utilizes an optimized tower design to deliver reliable power in an efficient, flexible and integrated platform. The solution ensures the critical UPS, bypass, batteries and distribution elements operate cohesively to power vital systems simply, efficiently and effectively.

Packaged Performance



10kVA with Integrated Batteries and Bypass

10kVA with Four Battery Strings and Bypass

15, 20kVA with Integrated Batteries and Bypass

Integrated Design

The UPS solution provides internal battery, maintenance bypass, and optional receptacle distribution in one, simple package.

Efficient Operation

Save energy every day. The system operates over 93% in double conversion mode and up to 99% in Eco mode.

Standard and Extended Runtime

Achieve your desired runtime by using the standard integrated batteries or elect to add more integrated battery strings.

Fast, Easy Friendly Installation

Pre-assembled, integrated system reduces field work. A pallet ramp offers easy movement. Cable connections and wiring are easily accessible.

Power Distribution

Fast, simple and flexible power distribution is accomplished using either a straight hardwired approach or by applying various distribution PODs (power output distribution) for quick and easy receptacle deployments. In addition, users can mix and match power distribution assemblies. More distribution options pending.

DISTRIBUTION OPTIONS	QTY OF RECEPTACLES	RECEPTACLE TYPES
Hardwired	-	Does Not Apply
PD3-001	2	L21-30R
PD3-002	6	L6-30R
PD3-003	6	L5-30R



Flexible POD Power Distribution (1) for the 10kVA Up to (2) on the 15, 20kVA models (shown)



Intelligent Communications

The Liebert® EXS™ delivers intelligent operation, with the easy and intuitive control panel, network connectivity communications card and optional software monitoring alternatives to ensure visibility, control and peace of mind. Excellent for manned or unmanned locations.



Trellis™ Power Insight

Offers an ideal application for monitoring your power system to provide real-time trending for critical UPS performance. Visit the [product page](#) to download.

Protect Your Assets – Wherever They are Located

Critical systems and information are everywhere. IT areas can be located in a nearby building or faraway. In some cases, the staff may be unfamiliar with power operations.

In either case, Vertiv has the people and programs to help ensure each step of your journey is successful. For example, Vertiv™ LIFE™ Services experts provide secure, remote monitoring for early detection and response.

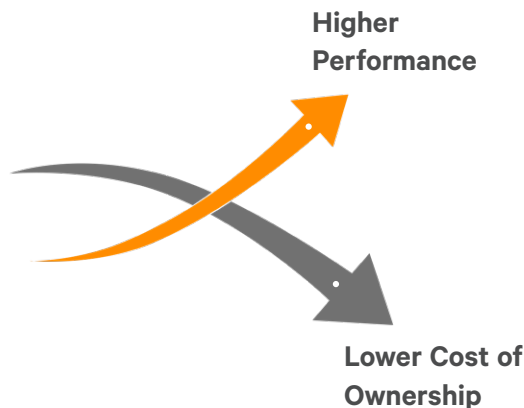
Save Now. Save Later.

Control Costs by Managing Capital and Operating Expenses

Consider the Liebert EXS UPS for your next project. From the high operating efficiency (93% in double-conversion mode) to the lower installation, acquisition and maintenance costs, it all combines to deliver a low total cost of ownership.

Contact your authorized Vertiv office or partner.

Liebert EXS UPS Performance and Costs Control

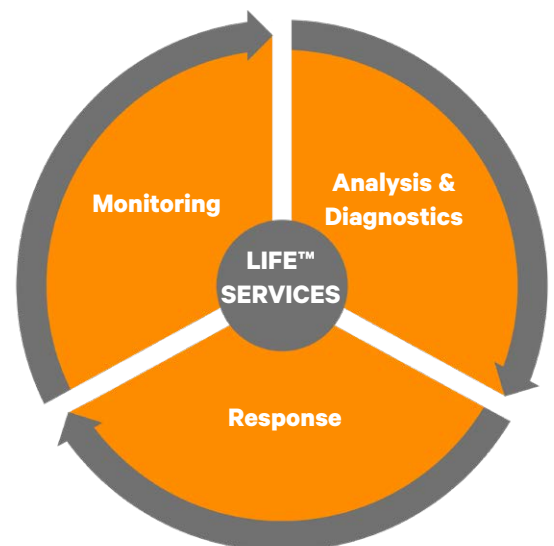


THIS UPS CAN MONITOR:



- Capacity**
- Temperature**
- Humidity**
- Access**
- Leaks**

IS-Unity card - Supports remote and local environmental monitoring. Compatible with the Trellis™ Platform, Liebert Nform™ and Liebert SiteScan™. Connect to IT networks and building management systems (BACNET/MODBUS)



LIFE Services remote monitoring

POWER RATING KVA/KW (PF=1)		10	15, 20
General Specifications	UPS Technology	On-Line Double Conversion	
Input AC Specification	Input Voltage	208/120, 220/127VAC, 60Hz 3-phase, 4-wire plus ground	
	Frequency Range	40-70Hz	
Output AC Specifications	Voltage	208/120, 220/127VAC, 60Hz 3-phase, 3- or 4-wire plus ground	
	Power Output Distribution Ports	1	2
Battery Specifications	Battery Technology	Valve-regulated lead acid battery	
Communications	Options	2 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, LIFE™ Services, Relay Contacts	
Environmental Sensors Options	Liebert SN Series	Temperature, Humidity, Temperature/Humidity Combination, Contact Closure	
Physical Data UPS	Dimensions, W x D x H in (mm)	Standard Run Time: 13x25.6x51.2 (335x650x1300)	17.3x29.5x63 (440x750x1600)
		Extended Run Time: 22.7x25.6x51.2 (576x650x1300)	
Physical Data UPS	Unit Weight lb (kg)	Standard Runtime: 437-627 (198.2-284.4)	734-1042 (333-477)
		Extended Run Time: 893-1,093 (405.1-495.8)	
Environmental	Operating Temperature	32-122°F (0-50°C), with 2% per 1 degC derating required above 40°C	32-104°F (0-40°C)
	Relative Humidity	0% to 95%	
	Operating Altitude	0-3000m (~10,000 ft), no derating	0-1500m (~4920ft), no derating. 1% per 100m derating up to 3000m
	Acoustical Noise	<55dB	
Safety	IEC/EN62040-1; UL/CSA cULus (UL 1778 5th Edition, CSA No.22.2 107.3)		
Standard Warranty	1 year		