

Liebert® EXS UPS

10, 15, 20 and 30 kVA/kW, 208/220V
Three-Phase Tower

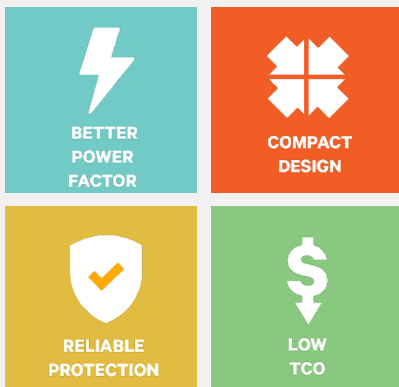


Overview

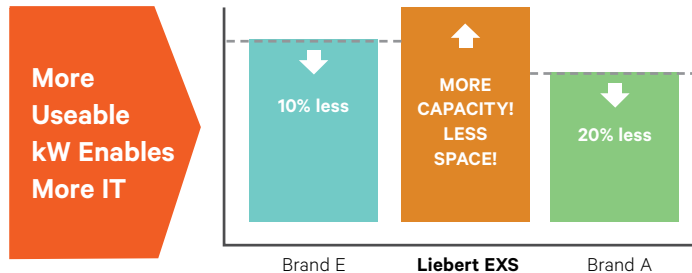
The Liebert EXS is an on-line, three-phase (in/out), 208/220V integrated UPS, optimized with a compact footprint. Standard configurations offer a reliable and economical power solution in 10, 15, 20, and 30kVA capacities.

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.



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



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.

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

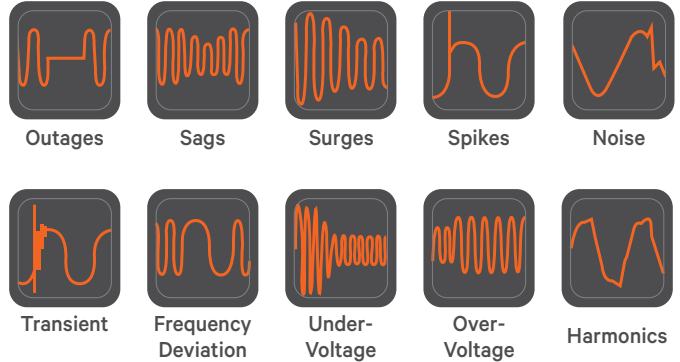
Pre-assembled, integrated system reduces field work. A pallet ramp offers easy movement. Cable connections and wiring are easily accessible.

Power Distribution

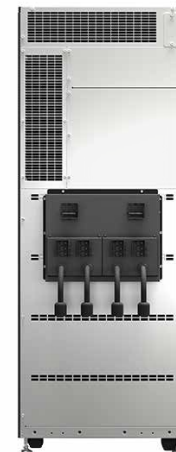
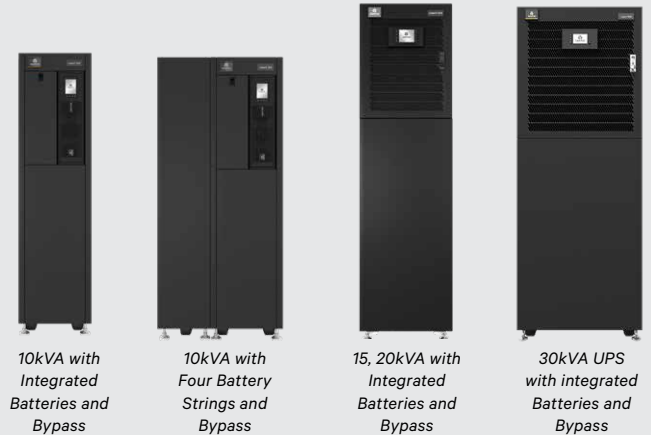
Fast, simple and flexible power distribution is accomplished using either a straight hardwired approach or by applying various distribution PODs (power output distribution) for quick and easy receptacle deployments. In addition, users can mix and match power distribution assemblies.

Distribution Options	Qty of Receptacles	Part Number
Hardwire	-	Does Not Apply
L21-30R	2	PD3-001
L21-20R	2	PD3-009
L6-30R	6	PD3-002
L15-30R	2	PD3-007
L15-20R	2	PD3-010
L6-20R	6	PD3-006
L5-30R	6	PD3-003
L5-20R	6	PD3-005
CS8364C	1	PD3-008
IEC60309 4W+G	1	PD3-011
IEC60309 3W+G	1	PD3-004

Protection from critical power problems



Packaged Performance



Flexible POD Power Distribution (1) for the 10kVA Up to (2) on the 15, 20, & 30kVA models; 30kVA model 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

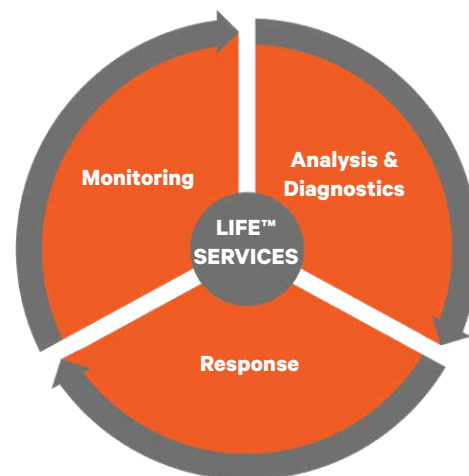


This UPS can monitor:



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

IS-UNITY-DP - 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

UPS Specifications

Power Rating kVA/kW (PF=1)

		10	15, 20	30
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	2
Battery Specifications	Battery Technology	Valve-regulated lead acid battery		
Communications	Options	2 IntelliSlots		
	Card Compatibility	IS-UNITY-DP, IS-UNITY-SNMP, 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)	23.6 x 33.5 x 63 (600 x 850 x 1600)
		Extended Run Time: 22.7x25.6x51.2 (576x650x1300)		
		Standard Runtime: 437-627 (198.2-284.4)	734-1042 (333-477)	1132-1650 (513.5-748.4)
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)	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	0-1500m (~4920ft), no derating. 1% per 100m derating up to 3000m
	Acoustical Noise		<55dB	<60dB
Agency/Certification/ Conformance		Listed to UL 1778 and CSA certified. Meets current requirements for safe high performance UPS operation. ENERGY STAR® qualified.		
Standard Warranty		1 year		

* Note: Power Distribution option adds 6.2 (157mm) to the cabinet depth (D)

Accessory Specifications

Accessory	UPS Rating	Unit Weight lb (kg)	Dimensions, W X D X H in (mm)
External Battery Cabinet	30kVA	1352 (613.3)	23.6 x 33.5 x 63 (600 x 850 x 1600)

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