Vertiv™ Liebert® EXS

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

Deploy easier. Install faster. Power reliably. Reduce footprint. Save money. See why the new Vertiv™ Liebert® EXS UPS is the power solution for the new critical IT Edge.

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 And Optimized Design

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.

Fast, Easy Installation and Serviceability

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

Highly Efficient and Lowest TCO UPS

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

Integrated Design and Compact Footprint

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

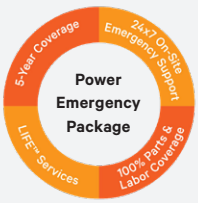
Flexible Monitoring & Management Options

Monitoring adds flexibility to each installation. UNITY and RELAY card compatibility: SNMP, Modbus, environmental sensors. Compatible with Vertiv™ Power Insight, Vertiv™ SiteScan™.

10kVA Models *15/20kVA Models*

Standard and Extended Runtime

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



ENERGY STAR

UPS Specifications

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) Intellislot™ Ports	
	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) Extended Run Time: 22.7x25.6x51.2 (576x650x1300)	17.3x29.5x63 (440x750x1600)
	Unit Weight lb (kg)	Standard Runtime: 437-627 (198.2-284.4) Extended Run Time: 893-1,093 (405.1-495.8)	734-1042 (333-477)
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	
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)

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