

Benefits

- **Lithium-ion battery:** Lithium-Ion technology delivers up to 3 times the life expectancy of lead-acid batteries which reduces maintenance, labor, and replacement costs.
- **Battery and surge protected outlets:** Four outlets: 1 surge only and 3 surge / back-up battery outlets offer enough space and capacity to protect all of your critical electronics.
- **Compact and lightweight design:** The compact and lightweight design makes the Liebert Power-UPS Lithium a convenient UPS for any environment where space is limited.
- **Designed to endure:** Designed to endure operating temperatures of up to 104° F (40° C), this UPS is ideal for environments with limited airflow and high temperatures.
- **Flexible Design:** The flexible design allows for the UPS to be easily installed in a variety of positions
- **Alarm Management:** Reliable alarm management allows you to quickly silence the alarm when on battery
- **ENERGY STAR®:** A government backed symbol that is awarded to energy efficient products that meet eco-friendly requirements
- **5-year warranty:** 5-year warranty gives peace-of-mind that your valuable devices will remain protected and connected.

Vertiv™ Liebert® Power-UPS Lithium is perfect for protecting:

- Desktop computers
- Workstations and Monitors
- POS Terminals
- Wi-Fi Routers
- Surveillance Systems
- A/V equipment
- Other Important Electronics



The Liebert® Power-UPS Lithium is designed to provide reliable, economical and long-lasting power protection so your important electronics stay connected and protected.



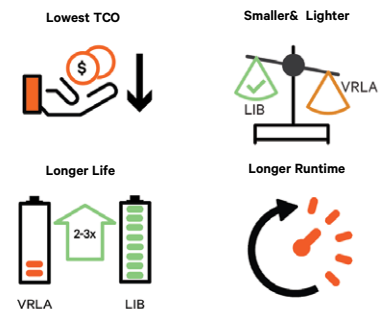
Keep Your Electronics Safe & Running with Vertiv Liebert Power-UPS Lithium

The Vertiv Liebert Power-UPS Lithium is a compact and lightweight standby/offline UPS that utilizes lithium-ion technology to deliver a longer life expectancy, and reduced replacement costs. Designed to protect computers, workstations, retail point-of-sale (POS) equipment, wireless networks and routers, surveillance systems and other electronics. Offered with a standard 5-year warranty, the Energy Star Certified Liebert Power-UPS Lithium is an ideal choice for electronics that need reliable, economical and long-lasting power protection.

Lithium-Ion Key Benefits vs VRLA

Lithium-ion is a game-changing technology when it comes to UPS batteries. When compared to traditional valve-regulated-lead-acid (VRLA) batteries, lithium-ion batteries have greater power density, last up to 3 times longer, recharge much more quickly, and can endure up to 10x more discharge cycles. With a 5-year standard warranty, more than double the useful life, and more runtime, the Liebert Power-UPS Lithium is an ideal choice for electronics that need reliable and economical power protection.

- Up to 3x battery life
- Lowest TCO
- 5-year standard warranty
- Longer runtime
- Quicker recharge times
- Smaller and lighter
- Up to 10x more discharge cycles
- Greater battery performance in higher temperature environments



Feature	VRLA Battery	PUL-400LVT Battery	Lithium-Ion Benefit
Standard battery life	3-5 years	8-10 years	Up to 3 times longer life
Typical cycle life	200-260	2000	Up to 10x more discharge/recharge cycles available
Battery recharge time (to 90%)	6-8 hours	2 hours	Fast recovery time, multiple outages can be handled over a short period
Warranty	2-3 years	5 years	Install and go - ideal for remote or unmanned locations

Technical Specifications

System Specifications

Model Number	PUL-400LVT
Capacity (VA / W)	400 / 240
Unit Dimensions, in (mm) W x D x H	4.72 x 8.27 x 5.51 (120 x 210 x 140)
Unit Weight, lbs (kg)	3.92 lbs (1.78 kg)
Shipping Dimensions, in (mm) W x D x H	7.44 x 10.98 x 9.13 (189 x 279 x 232)
Shipping Weight, lbs (kg)	4.96 lbs (2.25 kg)

Input AC

Nominal Voltage	120 VAC
Voltage Range	88-142 VAC
Frequency Range	50/60Hz +/- 1 Hz (auto-sensing)
Protection	Resettable Circuit Breaker
Surge Energy Rating	381 Joules
Input Cord	6 ft. attached with NEMA 5-15P

Output AC (On Utility)

Nominal Voltage	120 VAC
Voltage Range	88-142 VAC
Frequency Range	50/60Hz +/- 1 Hz (auto-sensing)
Efficiency	Up to 98.3% at 100% load

Output AC (On Battery)

Nominal Voltage	120 VAC																				
Voltage Range	Nominal +/- 10%																				
Frequency Range	50/60Hz +/- 1 Hz (auto-sensing)																				
Waveform	PWM Simulated Sinewave																				
Transfer Time	4-8 ms, typical (10 ms maximum)																				
Overload Capacity	110% for 5 seconds, 120% immediate shutdown																				
Protection	Electronic (over current, short circuit, over charge w/ latching shutdown)																				
Load % Runtime (Minutes)	<table border="1"> <tr> <td>10%</td> <td>20%</td> <td>30%</td> <td>40%</td> <td>50%</td> <td>60%</td> <td>70%</td> <td>80%</td> <td>90%</td> <td>100%</td> </tr> <tr> <td>60 Minutes</td> <td>30 Minutes</td> <td>22 Minutes</td> <td>16 Minutes</td> <td>12 Minutes</td> <td>10 Minutes</td> <td>8 Minutes</td> <td>6 Minutes</td> <td>5 Minutes</td> <td>3 Minutes</td> </tr> </table>	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	60 Minutes	30 Minutes	22 Minutes	16 Minutes	12 Minutes	10 Minutes	8 Minutes	6 Minutes	5 Minutes	3 Minutes
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Battery Type	Lithium-Ion																				
Battery Backed Outlets	(3) NEMA 5-15R																				
Surge Only Outlets	(1) NEMA 5-15R																				

Environmental Requirements

Operating Temperature, °F (°C) Operating Elevation, feet (meter)	32 - 104 (0-40) 0 - 6,666 feet (0 - 2,000)
Relative Humidity	0-95% non-condensing
Storage Temperature, °F (°C)	-20-45, ≤65%RH Within 1 month -20-35, ≤65%RH Within 3 month -20-25, ≤65%RH Within 6 months
Audible Noise	<45dBA @ 3 ft (1m) from all sides

Agency

Safety	ANSI/CAN/UL 1973:2018, UL 1778: 2014 R10.17CSA C22.2 No. 107.3-14+G11
EMI / RFI	Conducted Emission at Mains Terminals - FCC CFR Title 47, Part 15, Subpart B, Class B ANSI C63.4-2014 Radiated Emission - FCC CFR Title 47, Part 15, Subpart B, Class B ANSI C63.4-2014 Conducted Emission - ICES (Interference - Causing Equipment Standards)-003: Issue 7 Class B Radiated Emission - ICES (Interference - Causing Equipment Standards)-003: Issue 7 Class B
Immunity Surge	ANSI / IEEE C62.41.2 + EN61000-4-5; Line to Neutral: Level 2; Line to Earth: Level 3
Environmental:	ROHS Directive 2011/65/EU, U.S. Toxic Substances Control Act (TSCA) Annex III of WEEE Directive Energy Star 2.0
Transportation	ISTA Procedure 2A: 2011 UN 38.3 UN3480

Protection Plan

Equipment Protection Plan	\$200,000
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