

# Vertiv™ Liebert® PSI5 Lithium-Ion Short Depth UPS



Superior Power Protection for Edge Applications, Telecom, and Distributed IT Equipment

## Overview

### Lithium-Ion Battery Technology

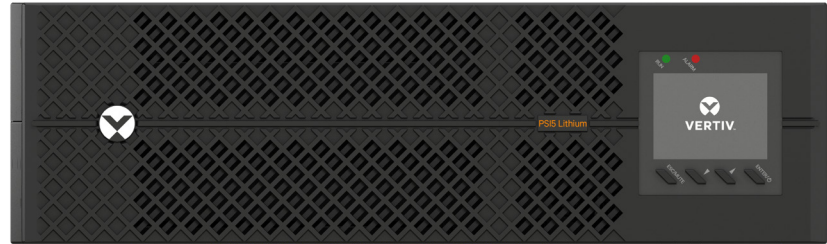
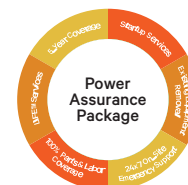
Lithium-ion is a game-changing technology when it comes to UPS batteries. When compared to traditional valve-regulated-lead-acid (VRLA) batteries, Lithium-ion batteries have greater power density, last up to 3x longer, recharge much more quickly, and can endure up to 10x more discharge cycles. With a 5-year standard warranty, double the useful life, and significantly more runtime, the Liebert® PSI5 Lithium-Ion UPS is at the top of its class.

### Liebert PSI5 Lithium-Ion Key Benefits vs VRLA

- Up to 3X greater battery life
- Lowest TCO
- 5-Year standard warranty on UPS and Batteries
- Longer Runtime
- Quicker recharge times
- Smaller and lighter
- Greater power density
- Reduced unit depth
- Up to 10X more discharge cycles
- Greater battery performance in higher temperature environments

### What's In The Box

- UPS Unit
- Printed quick start guide with safety instructions
- 2-Post Rail Kit
- Rackmount Ears
- USB Type A to USB Type B cable 1.8 meter (6ft) in length
- Tower stabilizing feet
- Free download: Power Assist, Power Insight software



*The Vertiv™ Liebert® PSI5 Lithium-Ion 3kVA Short Depth 3U UPS change to: offers the industry the greatest power capacity with the shortest depth chassis in the market. Under 17 inches in depth, and 2700W capacity makes this UPS ideal for 2-Post racks and wall mount racks when space is at a premium. The Rack/Tower convertible form factor allows flexibility for non-standardized spaces, lithium-ion battery technology delivers up to 3X the life of lead-acid batteries along with a lower total cost of ownership, making the Liebert PSI5 Lithium-Ion line-interactive UPSs ideally suited for server rooms, network closets, and other edge or distributed IT applications.*

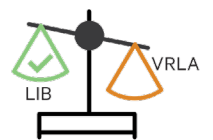
## Lower Total Cost of Ownership (TCO)

The Liebert PSI5 Lithium-Ion line-interactive UPSs are ideally suited to protect critical infrastructure in edge or distributed IT applications. The life expectancy of lithium-ion batteries is up to 3x that of VRLA batteries – up to 10 years, delivering 50% or more in TCO savings vs. VRLA batteries. This is chiefly because the Liebert PSI5 Lithium-Ion requires fewer battery replacements over its lifespan. You save not only on the cost of batteries but on the labor required to replace them – an especially significant issue at remote locations with few or no IT personnel on site. In short, the Liebert® PSI5 Lithium-Ion UPS is a true low-maintenance, set-it-and-forget-it solution.

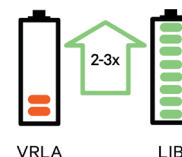
### Lowest TCO



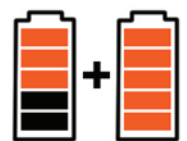
### Smaller & Lighter



### Longer Life



### Longer Runtime



## Technical Specifications

### Standard Models\*

### Liebert® PSI5-3000SRT120LI

Form Factor	3U Rack/Tower
Power Rating	3000VA / 2700W
<b>Dimensions, W X D X H, IN (MM)</b>	
Unit	17.3 x 16.9 x 5.14 (438 x 430 x 130.6)
Rackmount Depth	15.7 (400)
Shipping	26.4 x 22.4 x 11.1 (670 x 570 x 282)
<b>Weight, LB (KG)</b>	
Unit	56 (25.4)
Shipping	67.9 (30.8)
<b>Input/Output AC Parameters</b>	
Input Plug	NEMA L5-30P
Input Cord	10ft (3m Attached)
Non-Programmable Receptacles	(1) NEMA L5-30R, (6) NEMA 5-15/20R
Programmable Receptacles	(3) NEMA 5-15/20R
Nominal Voltage Setting	120VAC Default; 100/110/115/125VAC User Selectable
Voltage Range Without Battery Operation	75 - 146VAC
Frequency Range	45 to 65Hz (57-63Hz Battery to Normal Comeback)
Surge Protection	ANSI C62.41, Category B
Transfer Time	4 - 6ms Typical
Battery Waveform	Pure Sine Wave
<b>Battery Parameters</b>	
Type	Lithium-Ion (LiFePO4)
Recharge Time (from full discharge)	2hrs to 90%
Full-Load Runtime	7.7 min
Half-Load Runtime	18.3 min
<b>Environmental</b>	
Operating Temperature, °F (°C)	32° to 104° (0° to 40°)
Storage Temperature °F (°C)	5° to 120° (-15° to 50°)
Relative Humidity	20% - 90%, non-condensing
Operating Altitude, ft (m)	0 to 9,942 (0 to 3,000) without derating. Operating temperature reduced 9°F (5 °C) for each additional 1,640ft (500m) of altitude
Audible Noise	< 45 dB @ line mode, < 55 dB @ battery mode
<b>Certifications</b>	
Safety	UL 1642 (LiFe cells), UL 1973 (LiFe pack), UL 1778, CSA 22.2 no. 107.3
Agency	UL 1778, c-UL, NOM, FCC Part 15, Class B
Environmental	RoHS2 / REACH / WEEE
Network Surge	ANSI C62.41, Category A, Level 3
Transportation	ISTA Procedure 2A UN38.3 (Lithium-ion)
Warranty	5 years on UPS and Battery

\* Liebert® PSI5 2U Rack/Tower UPS + RDU120 card bundles available - Add an "N" to the end of the model number. Available through select distributors.\*

Vertiv.com | Vertiv Headquarters, 505 N Cleveland Ave, Westerville, OH 43082, USA

© 2025 Vertiv Group Corp. All rights reserved. Vertiv™ and the Vertiv logo are trademarks or registered trademarks of Vertiv Group Corp. All other names and logos referred to are trade names, trademarks or registered trademarks of their respective owners. While every precaution has been taken to ensure accuracy and completeness here, Vertiv Group Corp. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications, rebates and other promotional offers are subject to change at Vertiv's sole discretion upon notice.