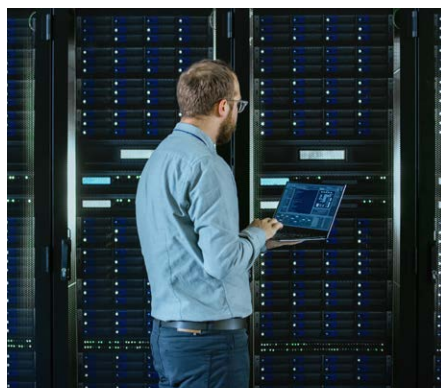


When Space-Constrained IT Environments Are Mission-Critical, High Capacity Power Protection in a Compact Footprint Is a Must



A Vertiv Application Brief



Overview

The Greatest Power Capacity with the Shortest Depth Chassis

- **Premium power protection**
Advanced Liebert® PSI5 Lithium-Ion line-interactive 3kVA UPS with a total of 10 outlets.
- **Programmable outlet segments**
Extend run time when on battery power by power-cycling connected equipment and shedding less-critical loads or rebooting hung devices.
- **Short-depth chassis**
Compact form factor with 16.9 inches (430mm) total depth and 15.7 inches (400 mm) rackmount depth.
- **Light weight**
Weighs up to 30% less than VRLA models.
- **Advanced lithium-ion battery technology**
Liebert PSI5 Lithium-Ion batteries deliver up to 3X the life of valve regulated lead-acid batteries, reducing maintenance and service costs.
- **Remote management capabilities**
IS-UNITY communications card enables SNMP and web-based management, monitoring, and control of the UPS from a network management station, console, or workstation.
- **Low total cost of ownership**
Compared to VRLA models, the Vertiv™ Liebert® PSI5 Lithium-Ion 3kVA Short-Depth UPS can reduce TCO by 50% or more.

Problem

Edge IT Environments Often Lack Space for a Standard-Sized Large-Capacity UPS, Putting Mission-Critical IT Equipment at Risk

Floor and rack space are always at a premium in IT environments. This is especially true in edge locations, network closets, branch offices, and retail, healthcare, and telecom applications where the space dedicated to IT is almost always cramped. Many times, a large capacity, standard-sized UPS unit simply will not fit in the space available.

Historically, IT managers have had to make the difficult choice between freeing up floor or rack space for an appropriate backup power solution or choosing a less robust power option that could potentially put sensitive servers and IT equipment at risk in the event of power disturbances or outages.

While smaller capacity VRLA UPS units are widely available, these solutions lack the many advantages of advanced lithium-ion battery technology, including longer usable life and longer battery runtimes, which can be especially critical in remote or unattended IT sites.

Solution

A Large Capacity Advanced Liebert® PSI5 Lithium-Ion Line-Interactive UPS with the Shortest Depth Chassis

At 16.9 inches (430mm) total depth and 15.7 inches (400 mm) rackmount depth and weighing as much as 30% less than typical VRLA units, the new Vertiv™ Liebert® PSI5 Lithium-Ion 3kVA Short-Depth UPS delivers the industry's greatest power capacity with the shortest depth chassis. It fits easily into a 2-Post, 4-Post, or wall mount rack, or in a tower configuration, giving IT managers the flexibility to install it in virtually any IT space, and to easily move the unit if needed as IT environments evolve and more equipment is added over time. With a total of 10 outlets with a programmable segment, the UPS is sized to accommodate the connection and management of critical loads.

The Liebert PSI5 Lithium-Ion 3kVA Short-Depth UPS offers all the advantages of advanced lithium-ion batteries, including significantly longer usable life, longer battery run times, faster recharge cycles, and better battery performance at high temperatures. It is also highly efficient and extremely low maintenance, with few (if any) battery replacements required over the lifetime of the UPS. This reduces total cost of ownership by greater than 50%.

As a true set-it-and-forget-it solution, the Liebert PSI5 Lithium-Ion 3kVA Short-Depth UPS can be remotely monitored and managed, eliminating unnecessary site visit to remote locations. IT managers gain the confidence of knowing their IT equipment has premium power protection, and they can enjoy visibility into power and environmental conditions at all sites, at all times.

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In space-constrained IT applications that also happen to be mission critical, the Vertiv™ Liebert® PSI5 Lithium-Ion 3kVA Short-Depth UPS eliminates the trade-off between power capacity and space. IT managers can easily install this solution anywhere and everywhere premium power protection is needed, making it the ideal solution for standardizing across all distributed and edge IT locations.

The Benefits

Vertiv™ Liebert® PSI5 Lithium-Ion 3kVA Short-Depth UPS enables IT managers to put premium power protection in any IT space.

Reliable power protection for mission-critical loads

A high capacity of 3kVA with a total of 10 outlets and programmable segment make it possible for IT managers to connect critical loads in any IT space and give mission-critical IT equipment the power protection and management it deserves.

Space saving with extreme installation flexibility

The short depth, lightweight unit is easy to install in a 2-post rack, 4-post rack, wall mount rack and in a tower configuration. In a 4-post rack, other IT gear can be racked behind the UPS and share the same U space. This flexibility allows IT managers to easily install this UPS in non-standardized locations or as their IT spaces evolve over time.

Longer usable life

Advanced Liebert® PSI5 Lithium-Ion batteries provide up to 3x longer battery life than VRLA UPS units.

Improved battery performance

Liebert PSI5 Lithium-Ion batteries offer 10x more battery charge/discharge cycles with faster recharge times and better battery performance at higher temperatures compared to VRLA.

Increased battery runtimes

IT managers can count on support for critical loads for longer periods of time in the event of a prolonged power disturbance or outage. Liebert PSI5 Lithium-Ion models provide up to 3X times longer runtime than comparable VRLA models.

Low maintenance with few (if any) battery replacements required

Liebert PSI5 Lithium-Ion batteries typically last the entire lifetime of the UPS, eliminating the need for costly, time-consuming battery replacements and making the Liebert PSI5 Lithium-Ion 3kVA Short-Depth UPS a true set-it-and-forget-it solution.

Fewer site visits

Remote management capabilities ensure complete visibility into site power and environmental conditions, reducing the need to physically visit remote locations. Automatic email/text notifications alert IT staff when conditions exceed preset thresholds and action is needed.

Lower total cost of ownership

The longer battery life, low maintenance requirements, and high operating efficiency reduce TCO compared to VRLA units by 50% or more.

Two extra years of standard warranty protection

A five-year industry-leading warranty comes standard with the Liebert PSI5 Lithium-Ion 3kVA Short-Depth UPS, offering additional purchase protection for complete peace of mind.



Vertiv™ Liebert® PSI5 Lithium-Ion

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