



Product catalog

Channel products catalog





Table of Contents

Racks and containment	3
Computer and IOT UPS	8
Network and server UPS	9
Rack power distribution	14
Vertiv™ Avocent® ITS Solutions	17
Software	27
Rack cooling	30
Three-Phase UPS	30
Site applied products	32
Integrated solutions	33
Sales tools	35

Contact your Local Vertiv Office for application support and pricing.



Racks and containment

Vertiv™ Rack

The **Vertiv™ Rack** is delivered ready for high density environments to serve your mission critical needs — even as they evolve and change.

- Available in eight standard sizes with load capacities of 3,000 pounds static and 2,250 dynamic.
- All models feature a frame design that delivers about 2.5 inches of additional useable depth compared to competitive racks.
- Features easily removable side panels to help you access your equipment easily, making it easier to make changes in small spaces.
- Tool-less design features enable easy rack configuration and adjustments, equipment installation and service.
- Comes with a three-year limited warranty against defects in material and workmanship.
- Available to ship with integrated rack PDU.

Capacity: 3,000 lbs Static Load.

Widths: 600mm, 800mm.

Rack Sizes: Heights: 42U, 45U, 48U.

Depths: 1100mm, 1200mm.



Key Applications: Servers and Networking equipment.

Certifications: EIA 310E, UL2416, RoHS, REACH, TAA compliant.

Vertiv™ Rack Extreme

The **Vertiv™ Rack Extreme** is engineered for high capacity, high density environments, delivering exceptional weight support, deeper equipment compatibility, and flexible airflow and cable management options.

- Up to 4,500 pounds static and dynamic load capacity for the heaviest deployments.
- Supports extreme rack depths up to 1600 mm, ideal for larger hardware.
- Fully welded frame with 12-gauge rails for maximum structural strength and stability.
- Flexible mounting profile, T-slots, and square-hole patterns for easy accessory configuration.

Capacity: 4,500 lbs Static & Dynamic Load.

Widths: 600mm, 750mm, 800mm.

Rack Sizes: Heights: 42U, 45U, 48U, 52U.

Depths: 1100mm, 1200mm, 1400mm, 1600mm.



Key Applications: High Density / Hyper Data Centers.

Certifications: UL2416, RoHS, TAA Compliant.

Standard racks

The **Vertiv™ Rack Essential** delivers dependable performance for a wide range of deployments, offering the strength, accessory support, and configuration flexibility required in today's data centers and technology spaces.

- Flexible, configurable platform with accessory support for power, airflow, and cable management.
- Welded steel frame for superior structural strength and long-term durability.
- Multiple internal mounting points allow easy installation, repositioning, and reconfiguration of accessories.
- Designed to adapt to shifting infrastructure needs in data centers, computer rooms, and edge deployments.

Vertiv™ Rack Essential



Capacity: 3,300 lbs Static Load.

Widths: 24in, 29in.

Rack Sizes: 13U, 24U, 31U, 37U, 44U.

Depths: 32in, 36in.

Key Applications: Servers and networking equipment.

Certifications: UL2416, RoHS, TAA Compliant.



Specialty racks

The **Vertiv™ Rack Colocation**, **Vertiv™ Rack Seismic**, and **Vertiv™ Rack Environmental Indoor** provide advanced enclosure solutions engineered for specialized deployment demands. From secure multi-bay colocation environments to seismic rated installations requiring structural stability, to harsh indoor spaces requiring NEMA rated protection, these racks deliver targeted performance for mission critical applications across diverse facilities.

- Welded steel construction delivers reliable strength and stability across a wide range of specialized environments.
- Flexible rail and accessory mounting options support power distribution, cable organization, and airflow management.
- Purpose built designs provide distinct solutions for colocation segregation, seismic protection, and NEMA rated indoor environments.
- Designed to support mission-critical equipment where security, durability, and specialized performance are required.

Vertiv™ Rack Colocation



Capacity: 1,500 lbs Static Load.

Widths: 30in.

Rack Sizes: Height: 84in.

Depths: 36in, 42in, 48in.

Key Applications: Multi-bay colocation and secure tenant-segmented environments.

Certifications: UL2416, RoHS, TAA Compliant.

Vertiv™ Rack Seismic



Capacity: 1,500 lbs Static Seismic Rated, 6,000 lbs Static Non-Seismic Rated.

Widths: 24in, 30in.

Rack Sizes: Heights: 42U, 45U, 48U, 52U.

Depths: 42in, 48in.

Key Applications: Seismic installations, vibration-prone sites, and NEBS-aligned deployments.

Certifications: RoHS, TAA Compliant, GR-63-CORE Certified (GL52UG2EZ-3048), Other sizes conform to GR-63-CORE.

Vertiv™ Rack Environmental Indoor



Capacity: 5,000 (Bolted to the floor)

Rack Sizes: Height: 84in.

Widths: 24in, 30in.

Depth: 42in.

Key Applications: Indoor environments requiring NEMA 12 protection from dust, debris, and limited moisture.

Certifications: RoHS, UL508A, NEMA Type 250 12, TAA Compliant.

Vertiv™ SmartCabinet™ ID

The **Vertiv™ SmartCabinet™ ID** has been designed with IP54 environmental protection for these challenging environments where dirt and humidity could severely impact system performance and life expectancy. By isolating the IT equipment housed inside the rack, the SmartCabinet™ ID provides full protection and peace of mind to IT system managers.

- Fully sealed cabinet provides 24/7 protection from harsh environmental conditions that could damage IT equipment
- Integrated cooling takes up zero rack U-space, allowing for more IT installation
- Built-in HMI display with communication capabilities allows for local or remote monitoring and control
- Emergency backup fans maintain proper airflow and avoids overheating
- Multiple rack sizes and cooling capacity options provide flexibility for numerous applications
- Maintain high system availability with uninterrupted backup power with the optional Vertiv™ Liebert® GXT5 UPS*
- Integrate your IT deployment with intelligent rack power distribution units for constant monitoring and high system availability*



**UPS and rPDU are not part of the Vertiv™ SmartCabinet™ ID offering. These are sold separately and are field installed components.*



Vertiv™ Rack Wall Mount

Vertiv™ Rack Wall Mount is designed to be mounted directly on walls, it organizes and secures devices like network switches, and servers, keeping them off the floor and neatly accessible.

- Various depths to serve multiple channels:
 - Short depth for networking applications.
 - Medium depth for deeper networking/edge server.
 - Full depth for edge compute applications (will support full depth servers and more of our UPS's).
- Swings away from wall on hinge for easy back-door access with lock.
- Reversible mounting for left-hand or right-hand opening.
- Complete rack stability and security –cabinet elevation/pallet brackets.
- Outer protection –Complete outer wrap & protective inserts.

Capacity: from 150 to 300 lbs.

Widths: 21", 24"

Rack Sizes: Heights 12U, 19U, 25U

Depths: 24", 31



Key applications: Servers and Networking equipment

Certifications: UL

Vertiv™ Frame Rack 2-Post and 4-Post

Vertiv™ Frame Rack 2-Post and 4-Post is a vertical equipment rack designed to support lightweight IT and telecom equipment in network rooms, data centers, or office environments. It provides a stable mounting platform for equipment that's shallow and doesn't require the full support of a 4-post rack. However, if needed our 4-post rack is a sturdy and versatile equipment rack that provides balance and support for heavier and deeper IT and networking equipment.

- Easy access to IT equipment for installation and maintenance.
- Flexible mounting for lightweight IT equipment.
- Efficient airflow which enhances natural cooling thanks to the open design.

Rack Sizes: Height 45U

Key applications: Servers and Networking equipment

Depths: 24", 29", 32", 36"

Certifications: UL



See all available frame rack models now

Explore our full selection of open frame and network rack solutions designed to support any IT, telecom, or data center environment.

Computer and IOT UPS

Vertiv™ PowerUPS 200

The **Vertiv™ PowerUPS 200** delivers premium power protection for your electronic devices with a refreshed design and improved features.

- **Automatic Voltage Regulation (AVR):** Stabilizes output power during fluctuations, extends battery life and provides clean power to all connected devices.
- **Flexible installation:** Supports vertical or horizontal setups
- **Pure sinewave output:** Ideal for electronics that demand consistent, high-quality power
- **Up to 10 outlets:** Connect and protect up to 10 devices at once with battery backup and surge protection.
- **User-replaceable batteries:** Quickly and safely swap out batteries to extend UPS life.
- **Colored LCD screen:** Monitor detailed information on your UPS including status, alerts, and current power conditions
- **Dataline surge protection:** Protects your equipment from power surges traveling through network cables.*
- **Alarm management:** A dedicated mute button allows you to quickly silence alarms
- **3-year warranty:** Full unit coverage for the entire unit, including the battery, with a hassle-free advanced replacement warranty.

**all models except for 600VA*



Vertiv™ Liebert® Power-UPS Lithium, Lithium-Ion UPS, 400VA

The **Liebert® Power-UPS Lithium UPS** 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. The Liebert Power-UPS Lithium is an ideal choice for electronics that need reliable, economical and long-lasting power protection.

- Standard 5-year warranty provides peace of mind that your investment is protected against potentially costly equipment failures.
- Achieve the lowest total cost of ownership over the lifetime of the UPS with fewer battery replacements and up to 10 years of useable life.
- Lithium-Ion battery technology offers better performance in high temperature environments, supports up to 10 times more discharge cycles, and delivers faster recharge times compared to VRLA batteries.
- ENERGY STAR certified UPS provides backup power and protection during damaging surges, spikes or power outages while remaining energy efficient.



Certifications:
ENERGY STAR certified.

Warranty:
5 years.



Network and server UPS

Vertiv™ Liebert® PSI5 UPS, 750-5000VA

The **Liebert® PSI5** is a compact rackmount or tower, line-interactive UPS system designed especially for IT applications such as network closets and small data centers.

- Eight capacities from 750VA to 5000VA models available with both 120V or 208V models.
- AVR technology to protect against voltage fluctuation and maximize battery life.
- Up to 6 minutes of runtime at full load. External battery cabinets options available to scale runtime.
- Tower, 1U Rackmount, 2U Rack/Tower.
- Standard 3-year no-hassle advanced replacement warranty.
- Vertiv™ Liebert® Intellislot™ for networking cards and remote management.
- TAA models available.
- Energy Star certified UPS provides backup power and protection during damaging surges, spikes or power outages while remaining energy efficient.



Certifications:
ENERGY STAR certified.

Warranty:
3 years.

Vertiv™ Liebert® PSI5 Lithium-Ion UPS, 1500-3000VA

Lithium-ion technology delivers double 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.

- 0.9 Output Power Factor delivers more usable power, saving space and costs.
- 1500, 2200, 3000VA 2U, and 3000VA Short Depth 3U Rack/Tower models, and 1500VA Tower model.



Key Benefits vs. VRLA

- Lower total cost of ownership – few (or no) battery replacements, less maintenance.
- 2-3 times longer battery life.
- Longer runtime, up to 9min at full load.
- Standard 5-year factory warranty.
- Quicker recharge times – up to 90% in 2 hours.
- Better battery performance at higher temperatures.
- Energy Star certified UPS provides backup power and protection during damaging surges, spikes or power outages while remaining energy efficient.

Certifications:
ENERGY STAR certified.

Warranty:
5 years.

Vertiv™ Liebert® PSI5 Lithium-Ion 500VA-1500VA Short Depth UPS

The **Vertiv Liebert PSI5 Lithium-Ion Short-Depth UPS** offer delivers high power density in a compact design, providing greater power protection with the smallest footprint in its class. With chassis depths under 12 inches, it's the perfect solution for 2-post and wall-mount racks where space is limited.

Available in versatile 1U and 2U rack/tower convertible form factors, it adapts easily to non-standardized or space-constrained environments. Featuring a greater number of programmable outlet segments, the PSI5 Lithium-Ion short-depth UPS gives you enhanced control allowing you to reboot unresponsive devices or shed non-critical loads to extend runtime for essential equipment. The new 1500VA short-depth model supports up to five lithium-ion external battery cabinets for extended back up when longer runtimes are required. Remote monitoring, management and firmware updates are enabled by the Vertiv RDU120 network card. The Liebert PSI5 Lithium-Ion line-interactive UPS is ideal for server rooms, network closets, and other edge or distributed IT applications.



Vertiv™ Liebert® GXT5, Online Double Conversion UPS, 500-20,000VA

The **Liebert® GXT5 UPS** is a generator-friendly double conversion online UPS solution which offers premium power protection and continuous power conditioning in a compact and flexible rack/tower design.

- Enhanced local and remote management capabilities enable users to understand the status of the UPS and environmental conditions, and take action when necessary.
- Scalable Runtime featuring auto-detection of external battery cabinets to maximize battery runtime.
- Integrated serial connection for Vertiv™ Avocent® Advanced Console Server (ACS) integration or direct terminal control of the UPS.
- Web and SNMP communications for remote monitoring and management of the UPS with optional RDU120 network card and free Vertiv™ Power Insight software.
- Factory-installed RDU120 Network Card included with 5-20kVA models.
- Integrated Maintenance Bypass Cabinet (MBC) for UPS maintenance or replacement without shutting down connected equipment included in 5-10kVA models. Optional O-U MicroPODs available for 500-3000VA models.
- Vertiv™ Liebert® GXT5 TAA 1000-3000VA products available.
- Energy Star certified UPS provides backup power and protection during damaging surges, spikes or power outages while remaining energy efficient.
- Standard 5-year factory warranty.



Certifications:
ENERGY STAR certified.

Warranty:
5 years.



Vertiv™ Liebert® GXT5 Lithium-Ion UPS, 1,000-10,000VA

Liebert® GXT5 Lithium-Ion Overview

- 1000VA, 1500VA, 2000VA, & 3000VA, 120V UPSs in a 2U rack/tower convertible form factor with an internal lithium-ion battery and the ability to add up to (8) external battery cabinets (EBCs) for extended runtime.
- 5000VA & 6000VA, 120V/208V UPSs in a 3U rack/tower convertible form factor that supports up to (8) EBCs, and 8kVA & 10kVA, 120V/208V UPSs in a 4U rack/tower convertible form factor that supports up to 8 (pairs of) EBCs for extended runtime.
- Standard 5-year warranty provides peace of mind that your investment is protected against potentially costly equipment failures.
- Achieve the lowest total cost of ownership over the lifetime of the UPS with fewer battery replacements and a 10 year expected useful life.
- Hot-swappable, user-replaceable lithium-ion batteries increase the useable life of the UPS and allow you to easily replace the batteries without disrupting power to connected equipment.
- Lithium-ion battery technology offers better performance at higher temperatures, supports up to 10 times more discharge cycles, delivers faster recharge times, and is more environment-friendly compared to VRLA batteries.
- Includes the RDU120 Network Card for remote management of the UPS.
- Integrated Maintenance Bypass simplifies UPS maintenance and replacement, if required, without having to shut down the connected equipment.
- Energy Star certified UPS provides backup power and protection during damaging surges, spikes or power outages while remaining energy efficient.



Certifications:
ENERGY STAR certified.

Warranty:
5 years.

Vertiv™ Liebert® APS Single Phase, Modular Online Double Conversion UPS, 5kVA - 20kVA N+1

Vertiv™ Liebert® APS UPS Lithium-Ion & VRLA 5kVA – 20kVA N+1 Modular, redundant online UPS for edge and critical IT environments. The first modular UPS with VRLA and lithium-ion options. Scalable for whatever tomorrow brings.

Modular power on demand

Liebert® APS UPS grows with your business. Power and battery modules install quickly and can be added in 5 kVA increments to match changing load requirements. The modular design helps right-size capacity at installation and scale over time with a pay-as-you-grow approach. Hot-swappable modules simplify maintenance and keep systems online during upgrades for maximum uptime.



Warranty:
2 years.

AL3/AS3 & AL4/AS4 Series



15kVA, 12 Bay, Xfmr-based
17.3 W x 31.5 D x 41.7 H Inches
(440 W x 800 D x 1060 H mm)



20kVA, 16 Bay, Xfmr-based
17.3 W x 33.5 D x 48.8 H Inches
(440 W x 850 D x 1240 H mm)

AL5/AS5 & AL6/AS6 Series

20kVA, 16 Bay, Xfmr-free
17.3 W x 33.5 D x 38.2 H Inches
(440 W x 850 D x 970 H mm)



15kVA, 10 Bay, Xfmr-free
17.3 W x 31.5 D x 27.4 H Inches
(440 W x 800 D x 695 H mm)



APS Series	Input	Output	Max capacity
AL3/AS3	208V, 3-Wire (L-L-G)	208/120V	15kVA N+1
AL4/AS4	208V, 3-Wire (L-L-G)	208/120V	20kVA N+1
AL5/AS5	208/120V, 4-Wire (L-L-N-G)	208/120V	15kVA N+1
AL6/AS6	208/120V, 4-Wire (L-L-N-G)	208/120V	20kVA N+1

Tips:

Do you have a neutral available at the UPS input?

Yes - AS3 (15kVA N+1) or AS4 (20kVA N+1)
No - AS5 (15kVA N+1) or AS6 (20kVA N+1)

Vertiv™ Liebert® MicroPOD Maintenance Bypass Switch, for UPS Systems 3kVA and smaller

The **Liebert® MicroPOD** is a maintenance bypass with power distribution designed to enable scheduled maintenance or UPS replacement without disrupting power to the connected equipment.

- “Must have” accessory, provides power transfer to avoid shutdowns due to UPS servicing.
- Zero-U design, mounts to the rear of the Vertiv™ Liebert® GXT UPS or capable of separate rack mounting allows it to be used with any single phase UPS.
- Provides bypass and multiple output plug configurations for easy system configuration.

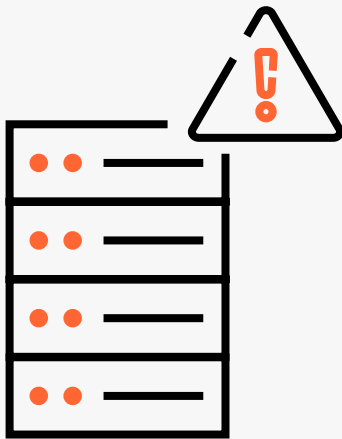


Vertiv™ Liebert® TDU, 3500, 4000, and 5000 VA/W

The **Liebert® TDU** is a transformer in a rack-tower enclosure with integral distribution and forced air cooling.

- For use with 208V-only (HV/L620/L630) UPS to power 120V loads.
- Delivers both 208V and 120V power to support critical IT infrastructure.
- Designed to accommodate a range of input voltages.





Is it time to trade in and trade up?

An aging UPS can threaten uptime and overall productivity

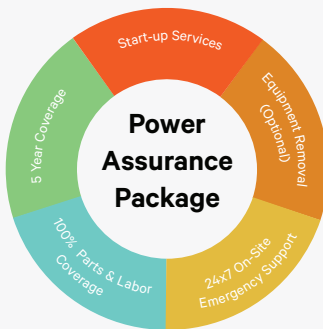
Make upgrading your UPS easier and more cost-effective than ever by contacting a Vertiv Partner today to get your trade-in started.

With the Vertiv™ Trade-In program, you can save money on the cost of state-of-the-art Vertiv™ Liebert® GXT, Vertiv™ Liebert® PSI, or Vertiv™ Liebert® APS UPS systems while eliminating the hassle and cost involved with recycling your old units.

You can trade in almost any aging single-phase UPS unit*—Vertiv or a competitor's brand—and choose to upgrade to a new Liebert® GXT or Liebert® PSI UPS system. These advanced systems combine higher availability with exceptional energy efficiency to afford better protection for your equipment at lower operating costs.

UPS Services

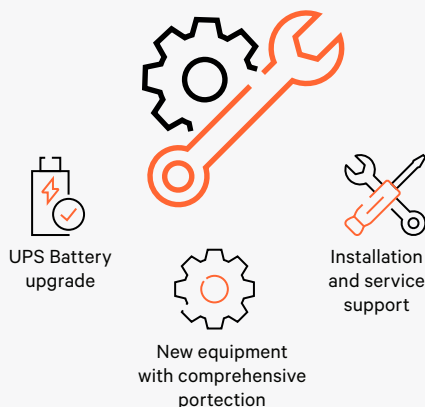
Power Assurance Package



Vertiv's exclusive Power Assurance Package offers lifecycle power management for critical single-phase UPS systems, eliminating the concerns surrounding all aspects of UPS support.

- Available with Vertiv™ Liebert® APS, Vertiv™ Liebert® PSI, Vertiv™ Liebert® GXT and Vertiv™ Liebert® ITA2 UPS products, from 500VA – 20kVA.
- Installation and startup services.
- Five-year, hassle-free protection plan.
- Safe disposal of UPS/battery.
- 24x7 on-site emergency response.
- Parts and labor coverage.

Power Continuity Services



Vertiv™ Power Continuity Services is a complete line of battery and UPS replacement services for the Liebert® GXT and Liebert® PSI systems, commonly used at the edge of an IT network in small or remote sites.

Three levels of services that help ensure continuous power for your vital applications:

- UPS restoration services provides a replacement UPS battery pack, shipped from Vertiv, ready for your IT resources to install.
- UPS refresh includes a replacement battery pack, installation and startup by our factory-authorized technicians, a wellness check, spent battery removal and disposal, optional two-year service contract, and optional remote services.
- UPS replacement gives you a new UPS with installation, startup, legacy equipment removal and disposal, an optional five-year protection plan, and optional remote services.

Rack power distribution

Vertiv™ PowerIT monitored rack PDU

The **Vertiv PowerIT Monitored Rack PDU** family delivers reliable power distribution with the ability to monitor input power to plus or minus 1 percent accuracy and provide environmental monitoring capabilities.

- The upgradeable, hot-swappable IMD enables seamless upgrades and replacements.
- Fault-tolerant daisy chaining can link up to 40 devices to provide redundancy.
- Select units come with patented U-Lock receptacles to prevent unintentional dislodging of power cords.
- Select units feature the Combination Outlet C13/C19 receptacle to accommodate ever-changing rack power requirements with the flexibility to connect C14 and C20 plugs in the same outlet.



Certifications: UL Listed (North America), CE Marked (Global), RoHS Compliant, TAA compliant

Vertiv PowerIT switched rack PDU

The **Vertiv PowerIT Switched Rack PDU** family delivers reliable power distribution with the ability to monitor and control power at each outlet.

- Bistable latching relays significantly reduce the unit's power consumption.
- The hot-swappable interchangeable Monitoring Device (IMD) includes directory access protocol for secure authentication and is upgradeable to add capabilities as needed.
- Select units feature the Combination Outlet C13/C19 to accommodate ever-changing rack power requirements with the flexibility to connect C14 and C20 plugs in the same outlet.
- Select units come with patented U-Lock receptacles to prevent unintentional dislodging of power cords.



Certifications: UL Listed (North America), CE Marked (Global), RoHS Compliant, TAA compliant

Enhanced intelligence

Intelligent models provide a comprehensive view of critical IT equipment power usage at the rack or via remote access. Set user-defined thresholds to receive notifications when power and environmental conditions fall outside the desired range. Outlet level monitored units provide a granular view of equipment power usage, and Switched models enable users to turn-on, turn-off, or reboot individual outlets.

At a glance

Intelligence type

- Basic Upgradable
- Unit Level Monitored
- Outlet Level Monitored
- Switched Unit Level Monitored
- Switched Outlet Level Monitored

Rack mount configuration

- 1U and 2U Horizontal

Global compliance

- CE Marked
- UL Marked (model dependent)

Voltage range

- 100-240V

Amperage range

- 10A, 15A, 16A, 20A, 30A, and 32A

Receptacle type

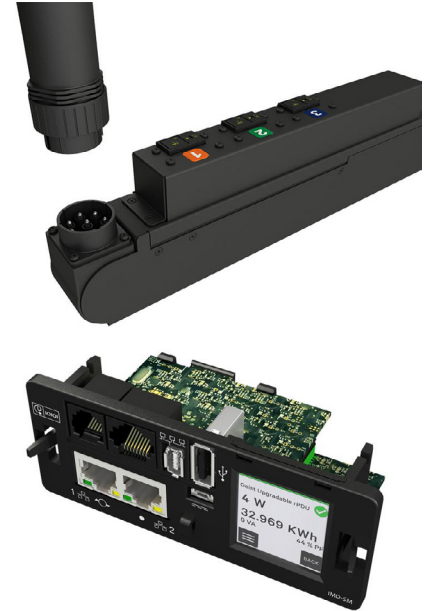
- Combination C13/C19, U-Lock C13
- IEC 2P+E IP44



Vertiv™ PowerIT universal PDU (UPDU)

The **Vertiv PowerIT UPDU** (Universal Power Distribution Unit) and **Vertiv PowerIT FSC** (Facility Side Cable), utilize a universal input to simplify global IT power infrastructure deployments by enabling a single PowerIT UPDU model to be used with a wide range of PowerIT FSC options available in various regionally-specific power configurations.

- 11kW and 22kW max power capacity models available to meet current and future power requirements.
- Color-coded U-Lock receptacles provide easy circuit identification and extra secure protection.
- Combination Outlet C13/C19 receptacles accommodate ever-changing rack power requirements with the flexibility to connect C14 and C20 plugs in the same outlet.
- Remote management through serial communication or any standard web browser.
- Dual network ports allow a fault-tolerant daisy-chain loop of up to 40 rPDUs, or connect up to 50 rPDUs using IP aggregation.
- All universal PDU models include ports for environmental sensors like temperature and door position.
- Every unit is individually tested for reliability and functionality.



Certifications: UL Listed (North America), CE Marked (Global), RoHS Compliant, TAA compliant.

Vertiv™ PowerIT Basic Rack PDU

The **Vertiv PowerIT Basic Rack PDU** family delivers reliable power distribution at a competitive price point. The upgradeable, hot-swappable IMD enables seamless upgrades and replacements.

- Every unit is 100% tested for reliability and functionality.
- Flexibility to meet a broad range of requirements, with a variety of electrical and receptacle configurations available.
- North American units are UL listed in accordance with common data center and insurance provider requirements.
- Can be shipped integrated in a Vertiv™ VR rack.



Certifications:
TAA Compliant.

Vertiv™ PowerIT Rack Transfer Switch

The **Vertiv PowerIT Rack Transfer Switch** delivers redundant power to single-corded devices. The RTS automatically detects the loss of power and switches the power load to the alternative power source in less than 4-8 milliseconds without the need for human intervention.

- Uses an open transition switch utilizing a break-before-make process for transferring between the primary and secondary power source.
- Supports out of phase transfers, eliminating a need for phase synchronization.
- Includes enhanced redundant switches and fail-safe fused thermistors to mitigate current surge during transfers, protecting critical equipment during fail-over.
- Less than 4-8ms Transfer Speeds.
- Select units feature the Combination Outlet C13/C19 receptacle to accommodate everchanging rack power requirements with the flexibility to connect C14 and C20 plugs in the same outlet.
- The upgradeable, hot-swappable IMD enables seamless upgrades and replacements.



Certifications:

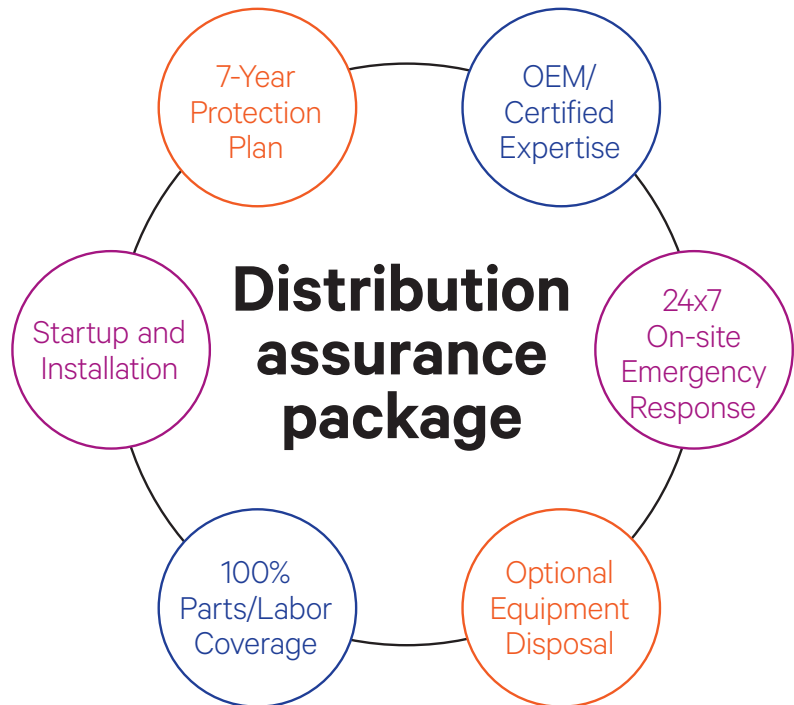
UL Listed (North America),
CE Marked (Global), RoHS
Compliant, TAA compliant.

rPDU services

Distribution assurance package

Vertiv's exclusive Distribution Assurance Package offers lifecycle service and support for Vertiv™ rPDU from trained OEM service partners, ensuring system availability.

- Available with Vertiv™ PowerIT rPDU and Vertiv™ PowerIT Rack Transfer Switch.
- Startup and installation services.
- OEM expertise.
- Seven-year protection plan.
- 24x7 on-site emergency response.
- Parts and labor coverage.
- Optional removal and disposal.





Vertiv™ Avocent® ITS Solutions

Serial and IP KVM Remote Access

Vertiv™ Avocent® MergePoint Unity™ 2

The **Vertiv™ Avocent® MergePoint Unity 2 KVM Switch** is a complete remote IT monitoring and management solution. It is available in 8-to-32-port configurations, making it well-suited for managing devices in both data centers and branch offices. It allows fast diagnosis, reconfiguration, or restoration of equipment to minimize downtime. It also protects systems from unverified firmware and software. Using current MPU modules, it enables seamless integration and hassle-free IT management. This TAA-compliant switch also has a two-year limited warranty for long-term peace of mind.

- **Advanced security:** It protects IT systems with Secure Boot, Vertiv-signed keys, and TLSv1.3 by allowing only verified firmware and software to operate.
- **Enhanced resolution:** It provides users with high-quality and precise visuals for performing detailed tasks with video resolution support of up to 1920 x 1080 with 24-bit color.
- **Seamless integration:** It uses current MPU access modules to enable seamless integration and hassle-free remote IT monitoring and management.
- **Scalable configurations:** It is available in 8-port, 16-port, and 32-port models to meet your current business requirements and provide long-term investment protection.
- **Two-year limited warranty:** It includes a two-year standard warranty and up to five years of uplifted support for advance replacement and long-term peace of mind.



Vertiv™ Avocent® ACS 8000 Advanced Console Systems

The **Avocent® ACS 8000 Serial Consoles** deliver secure in-band and out-of-band visibility and control to downstream equipment in enterprise data centers, as well as cloud and colocation facilities.

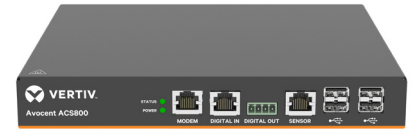
- Integrated Power Management with Vertiv™ PowerIT PDUs and Vertiv™ Liebert® UPS systems as well as third-party power product vendors.
- Cellular capabilities for primary connectivity at remote locations or failover during network outages.
- Access and troubleshoot remote locations using automatic network failover to cellular, Ethernet or analog modem.
- Fast, automated configuration with Zero-Touch Provisioning (ZTP).
- Models available with up to 48 RJ45 serial target ports and 8 USB ports to support new IT equipment and external devices.



Vertiv™ Avocent® ACS 800 Serial Consoles

The Vertiv™ Avocent® ACS 800 serial console system takes our renowned enterprise class technologies utilized in data centers around the world and packages the key features into an exciting compact and cost effective form factor.

- Secure in-band and out-of-band network remote management
- Fast, automated configuration with Zero Touch Provisioning
- Access and troubleshoot remote locations using automatic network failover to cellular (and failback)
- Automatic pin-out detection for both Cyclades™ and Cisco pinouts using straight through cables
- Compliance with data center access and security policies – customizable, multiple access levels



Vertiv™ Avocent® AutoView™ AV3000 KVM Switches

The Avocent® AutoView™ AV3000 series offers consolidated server management options for small data centers and remote/branch/offices.

- Simplify local and remote access to your IT infrastructure with a best-in-class, field-proven line of Vertiv™ Avocent® switches.
- Switches can be tiered to provide consolidated management of up to 256 targets.
- Common Access Card (CAC)/Smart Card support with encryption and password protection provides security you can depend on.



Vertiv™ Avocent® LCD Local Rack Access (LRA) Console

The Avocent® LRA Console family provides the simplicity, efficiency and ease of use to make it the perfect in data center access point. The LRA line enables ease of access to multiple servers making software upgrades, troubleshooting, and system monitoring convenient and less time-consuming.

- Provides an installed and integrated access point in the data center.
- Requires only 1U of rack space.
- Compatible with all Vertiv data center KVM switches.
- Keyboard available in 8 languages.
- Power efficient during operation and standby.
- Available in an 8- or 16-port digital KVM switch bundle.
- Includes a widescreen LED LCD panel and a full desktop-style keyboard with touchpad.



Certifications:

TAA compliant, UL, CE, CCC, BSMI, RCM, cUL, IC, EAC, VCCI, KCC FCC Class A.

Vertiv™ Avocent® IPSL Serial Device

The **Vertiv™ Avocent® IPSL IP Serial Device** is an innovative serial IP solution that scales from edge to enterprise and increases productivity by simplifying remote access and troubleshooting of IT devices.

- Small Form Factor: Portable size for easy deployment at edge locations.
- IP Addressable: Reachable from anywhere on the network to enable remote management of serial devices.
- Security: Secure Boot with hardware root of trust for tamper proof firmware, TLS1.3, AES256 bit encryption for all communication to and from the IP serial dongle.
- Virtual Media: Mount virtual drives remotely to transfer files such as firmware upgrades or other configuration files.
- Serial: Manage up to four serial targets simultaneously with SSH serial redirection
- HTML5: HTML5 Web based user interface for simplified management.



Vertiv™ Avocent® IPUHD 4K IP KVM

The **Vertiv™ Avocent® IPUHD 4K IP KVM Device** provides users with remote access to servers with 4K video resolution.

- IP Addressable 4K KVM Device: Fast performing 4 IP KVM for remote access.
- Security: Secure Boot.
- Video: 4K Resolution at 30fps 24bit Color for rich user experience.
- Connections: Native USB-C and MicroUSB to connect to serial device for Serial remote access.
- Video Adapters: Connect to USB-C, HDMI, DisplayPort, and Mini DP.



Vertiv™ Avocent® IPIQ IP KVM

The **Vertiv™ Avocent® IPIQ** is a zero-U IP KVM solution that scales from edge to enterprise and simplifies remote access and troubleshooting of IT devices with enhanced video resolution.

- Small Form Factor: ZeroU design for easy installation in rack.
- IP Addressable: IP addressable remote KVM solution with session sharing.
- Service Processors: Secondary LAN port for Service Processors.
- Video: 1920 x 1200 @30fps with 16-bit color. VGA.



Vertiv™ Avocent® DSView™ Rack Manager

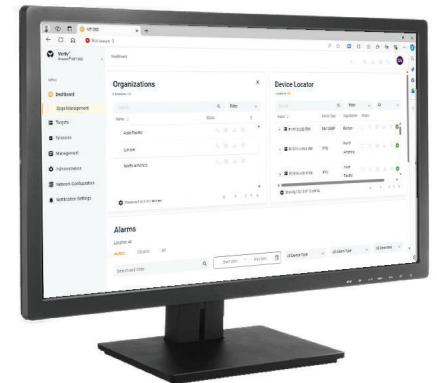
The Vertiv™ Avocent® DSView™ Rack Manager is an appliance designed to manage IT infrastructure and is built upon a secure common architecture which can scale from Enterprise to Edge. The Vertiv Avocent DSView Rack Manager can be used alone or integrated into the Vertiv™ Avocent® DSView™ Solution to enable comprehensive IT monitoring and management.



- Enterprise class rack manager appliance.
- Minimize costs with IP consolidation, PoE and API automation.
- HTML5 Viewer for KVM sessions.
- Discovery of SPs, IP KVM, and serial management devices.
- Manage Service Processors locally.
- HTML5 On board web interface.
- Non blocking, highly scalable.

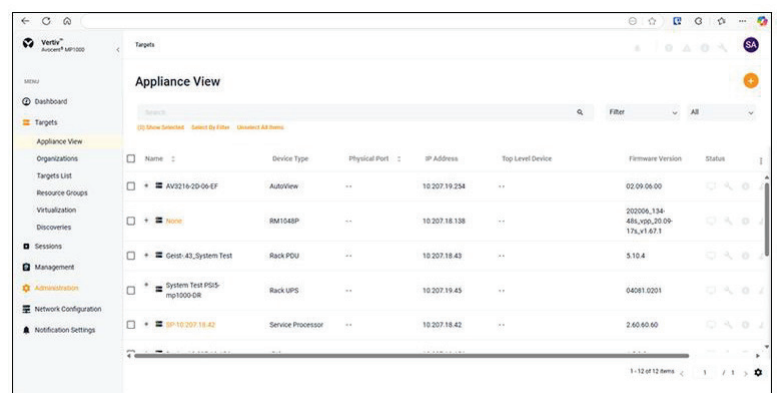
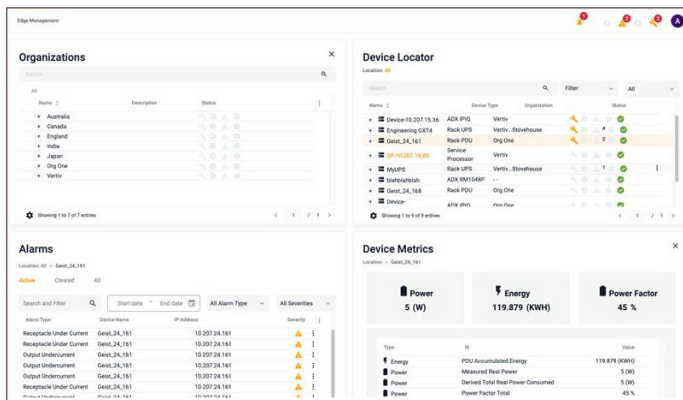
Vertiv™ Avocent® DSView Solution

Vertiv™ Avocent® DSView Solution enables secure remote monitoring and control for IT infrastructure, allowing infrastructure managers to capitalize on automated processes and streamline their continually expanding duties. Remotely access IT management appliances such as serial access devices (e.g., Vertiv™ ACS 800/8000 and IPSL), IP-KVM devices (e.g., Vertiv™ IPUHD and Vertiv™ MergePoint Unity™ KVM), as well as Vertiv or third-party power devices (e.g., Vertiv™ PowerIT rPDU and Vertiv™ Liebert® GXT5 UPS).



The Management Platform Software can be deployed in two forms:

- Vertiv™ Avocent® MP1000 Management Platform Hardware Appliance
- Vertiv™ Avocent® MP1000 Management Platform Virtual Appliance



Secure and Desktop KVM

Vertiv™ Avocent® Cybex™ SC800 and SC900 Secure Desktop KVM Switches

The Avocent® Cybex™ SC800 / SC900 Secure Desktop KVM switches

are field-proven, secure, KVM switching solutions with special support for government agencies and security conscientious organizations.

- The Cybex SC800/900 DPH, DPHC, and DVI-D series secure desktop KVM switching portfolio, available in single and dual head models, eliminates redundant peripherals and reduces desktop clutter.
- Prevents information leaks, transfer or crosstalk between adjacent ports and filters ultrasonic audio frequencies via unidirectional optical data diodes (UODD).
- Active intrusion detection and tamper-evident holographic labels prevent hardware from being compromised.
- Universal Video Connectors support DP, HDMI, and DVI-D.



Certifications:

TAA compliant, BAA, Designed for NIAP / Common Criteria Protection Profile for Peripheral Sharing Device (PSD) v4.0.

Vertiv™ Avocent® Cybex™ Secure MultiViewer KVM Switch

The Avocent® Cybex™ Secure MultiViewer KVM continues to provide the KVM solution required in accessing both classified and non-classified data.

Simultaneously view multiple computers on a single display.

- Ability to interact with various security classifications on a single screen.
- With CNS, keyboard and mouse transitions seamlessly when moving the cursor across window borders while holding the left CTRL key.
- Universal video connectors support DP, HDMI or DVI-D.
- Smart-card (CAC) or biometric readers for authentication across multiple secure computers.
- Multi-colored button LEDs for enhanced channel identification.



Certifications: Designed for Common Criteria Protection Profile for Peripheral Sharing Device (PSD) v4.0.

Vertiv™ Avocent® Cybex™ SCM 100 Series Secure Desktop Matrix

The Avocent® Cybex™ SCM 145 secure desktop Matrix KVM switch offers a proven solution for guarding against cyber intrusion at the desktop.

- Allows users to securely interact with multiple computers and observe two active computers simultaneously thus improving situational awareness Through cursor navigation switching (CNS), users have the flexibility to manage and monitor their data by simply pressing the left CTRL key and moving their mouse across window borders.
- Dedicated peripheral port permits a secure connection to external USB devices, including CAC smart card readers, fingerprint readers, and face recognition devices.
- Universal data connectors support DP, HDMI, and DVI-D.
- Protected video display emulators eliminate potential data leakage from display to computer.
- Unidirectional Optic Data Diodes (UODD) allow data to only flow in one direction.



Certifications: TAA compliant, BAA, Designed for NIAP / Common Criteria Protection Profile for Peripheral Sharing Device (PSD) v.4.0.

Vertiv™ Avocent® Cybex™ SCKM 100 Secure Desktop KM Switches

The Avocent® Cybex™ SCKM 100 switch provides real-time access to up to 4 systems at a time from a single keyboard and mouse.

- Cursor navigation switching lets users switch control between systems by simply moving the mouse cursor from one display monitor to another while pressing the left CTRL key.
- Unidirectional Optical Data Diodes (UODD) assure USB peripheral isolation enabling data flow from devices to host only.



Certifications: TAA/BAA compliant, CE, RCM, FCC class B, VCCI, TUV US, TUV Canada, Designed for NIAP / Common Criteria Protection Profile for Peripheral Sharing Device (PSD) v.4.0.

Vertiv™ Avocent® SV 200 and Vertiv™ Avocent® SV 300 Desktop KVM Switches

Avocent® SV 200/300 Desktop KVM switches simplify access to essential business systems.

- Universal video connectors support DVI-D, HDMI, DisplayPort, and support for resolutions up to UHD 4K maintain image quality is highly accurate and video plays at the highest definition possible.
- Managed copy and paste allows content to be copied from one system to another.
- Independent audio and USB switching lets users freeze audio and USB 3.0 peripherals while simultaneously working on a different system.
- Multiple USB ports provide easy connectivity to external USB devices, quick data transfer and high-speed charging of mobile devices.





Vertiv™ Avocent® SVKM 100 Desktop KM Switches

The Avocent® SVKM 100 switch provides real-time access to up to 4 systems at a time from a single keyboard and mouse.

- Cursor navigation switching lets users switch control between systems by simply moving the mouse cursor from one display monitor to another.
- Independent audio and USB switching gives users the ability to freeze audio and USB devices to a specific channel so these feeds are maintained as the cursor switches between system monitors.
- Managed copy and paste allows content to be copied from one system to another.
- High-speed mobile device charging port provides a quick way to charge mobile phones and other devices.
- Pre-set display configurations are easily modified for specific environments with a user-friendly administrator tool, enabling flexible assignment of USB devices for each user.



High-performance KVM and Video Extenders

Vertiv™ Avocent® HMX 6500R High Performance KVM Receiver

The Avocent® HMX 6500R High Performance KVM System receiver delivers KVM and VM access without requiring additional hardware or compromise on KVM functionality.

- Crisp and clear picture quality, audio, and USB 2.0 to single/dual screens over a single 1GbE link.
- Real-time access to unlimited physical and virtual machines from a single human-machine interface.
- Dual-head displays for physical machines or Single-head display for virtual machines (not both).
- Virtual Machines count towards endpoint license.
- Accessible anywhere on any device with ease and security.



Vertiv™ Avocent® HMX 5000/6000/8000 High Performance KVM Systems

The Avocent® HMX High Performance KVM system is a digital, IP-based solution that provides a highly flexible way to connect hundreds of users to thousands of servers and workstation equipment in a secure, real-time manner.

- Ideal for control rooms with real-time control with pixel perfect digital video, supporting resolutions up to 2560 x 1600 at 60Hz.
- Supports redundant network operation through units that automatically detect whether the network is in operation and automatically change to a second port when a failure is detected.
- Enables connection of USB devices from mice and keyboards through to graphics tablets and joysticks alongside mass storage devices.
- Remote maintenance and out-of-band BIOS level access with high video performance through Real VNC viewer.
- Easy centralized management with user rights and audit trails through the Avocent® HMX Advanced Manager.
- Small form factor transmitter available that takes up zero-U of rack space.



Certifications:

TAA, CE, FCC approvals.

Vertiv™ Rack Mount Power Supply (RMPSU)

The Vertiv™ RMPSU delivers the same reliability of Vertiv Avocent's traditional power solutions but with economies of scale and convenience that aren't possible with external power supplies.

- Each unit provides 8 or 16 independently controllable 12V outputs.
- Cable converters available for 12V to 5V conversions.
- Control and monitor the Vertiv RMPSU via a secure HTTP interface.
- Rated to 500,000 hours.





Vertiv™ Avocent® Longview™ 5500/5520 Extenders

The Avocent® LongView™ 5000 series of high performance extender solutions provide a desktop experience in environments where conditions make it advantageous to operate and manage critical business systems from a secure, monitored location.

- Users can access systems and applications remotely without sacrificing video quality, audio quality or device capability.
- Single or Dual Head High-definition Display Port Video Supports DisplayPort Dual Mode (DP++) and can transmit maximum resolution of up to 3840 x 2160 @ 60 Hz(UHD 4K). The 5500 offers local port passthrough while you get true dual head 4K via the 5520.
- USB 2.0 enables connection of up to six USB human interface devices including mice, keyboards, graphics tablets, touchscreens, jog shuttles, joysticks, 3D explorers, mass storage devices and isochronous devices like webcams and headsets.
- Analog and Digital audio options available.
- Plug and play: the LongView Series extenders are delivered in a zero config state so you can plug them in and start working right away without waiting for drivers or software to install.



Certifications:

TAA, CE, FCC approvals.

Vertiv™ Avocent® LongView™ 5000 Series Extenders

The Avocent® LongView™ 5000 series of high performance extender solutions provide an at the desktop experience in environments where conditions make it advantageous to operate and manage critical business systems from a secure, monitored location.

- Users can access systems and applications remotely without sacrificing video quality, audio quality or device capability.
- High-definition Display Port Video Supports DisplayPort Dual Mode (DP++) and can transmit maximum resolution of up to 3840 x 2160 (UHD 4K) with a single monitor, or two 1920 x 1200 (WUXGA) video streams in a dual monitor configuration.
- USB 2.0 enables connection of up to six USB human interface devices including mice, keyboards, graphics tablets, touchscreens, jog shuttles, joysticks, 3D explorers, mass storage devices and isochronous devices like webcams and headsets.
- High definition analog stereo audio input and output. S/PDIF input also supported
- Plug and play the LongView™ 5000 Series extenders are delivered in a zero config state so you can plug them in and start working right away without waiting for drivers or software to install.



Vertiv™ Avocent® LongView™ 4000 KVM Extenders

The Avocent® LongView™ 4000 KVM extenders enable you to locate your critical computing hardware in a secure and temperature controlled environment, while maintaining the same user experience. This improves data security, removes computers from harsh environments and addresses limited workspace environments.

- Video, USB 2.0 (Low and Full speed) and audio all pass along a single cable, providing up to 50 meters of extension.
- The transmitter is powered via its USB port to reduce the need for external power supplies.
- Supports DVI-D (HDMI with adapter) video on single or dual screens, with resolutions up to 1920 x 1200 @ 60Hz.
- The LongView™ 4000 series extenders are delivered in a zero configuration state so you can plug them in and start working immediately. There's no need for additional drivers or software.
- USB 2.0 support for any USB human interface device from mice and keyboards to graphics tablets, touchscreens, jog shuttles, joysticks, 3D explorers and mass storage devices. Full speed (12Mbps) isochronous devices such as headsets are also supported.



Vertiv™ Avocent® LongView™ 3000 KVM Extenders

The Avocent® LongView™ 3000 extenders let you place a keyboard, monitor, mouse, speakers and microphone up to 1,000 feet away from a computer or Vertiv™ Avocent® KVM switch.

- VGA resolutions of 1920 x 1200 are achievable at up to 300 meters (1000ft).
- The LongView™ 3000 series extenders are delivered in a zero configuration state so you can plug them in and start working immediately. There's no need for additional drivers or software.
- USB 2.0 (low and full speed) support allows all USB compatible accessories (including isochronous devices) to be extended connected to its 4 port hub.





Software

Vertiv™ Power Insight

Vertiv™ Power Insight is a web-based solution for managing and monitoring up to 100 Vertiv™ UPSs and Vertiv™ rPDUs that provides a quick way to safely shutdown IT devices based on user-configured parameters.

Easy to connect and control

- Free download from Vertiv.com.
- On-premise and remote UPS and rPDU monitoring for 100 devices with notification and control for Network based devices.
- Auto-discovery of Vertiv™ Liebert® devices for ease of installation and configuration.

Intelligently controlled shutdown

- Automatic Shutdown protection for physical and virtual servers.
- VMWare vCenter / vSphere Integration out of the box for virtual compute management.
- Sequential server shutdown function to extend runtime for the most critical loads.

Single pane of glass view

- Dashboard views of key data points such as capacity load percentage, output current, battery percentage charge and battery time remaining.
- Alarm views with data that can be sorted or filtered.
- Alarm notifications via email, SMS and on-screen icons.
- Summarized data of individual devices.



Vertiv™ Power Assist

Vertiv™ Power Assist is a free software used to gracefully shutdown an IT device when the UPS battery backup experiences a threatening condition. The software notifies users of an event, displays key metrics and logs historical data. It is easy to install and protects computers from damage and data loss during a power event.

Easy to connect and control

- Free download from Vertiv.com.
- Serial / USB connectivity for direct connection in personal and general business applications.
- Auto-discovery of serial port / USB connected devices.

Intelligently controlled shutdown

- Directly connected compute shutdown via direct connection.
- Easy to install, configure, and upgrade.
- Automated shutdown configuration options, e.g., remaining battery percentage or runtime.
- Scripted sequential and scheduled shutdown for virtual compute and non-graphical user interface based devices.

Monitoring & management

- Immediate alarm notifications via email.
- On-Screen Dashboard - displays key system status information and alarms.
- Data and alarm storage for analysis.
- Maintenance mode; shutdown on-hold temporarily.





Vertiv™ Next Connect

Vertiv™ Next Connect is a cloud-based platform that allows you to manage and monitor your physical infrastructure anytime and anywhere. This solution provides centralized SNMP device management that is vendor-neutral. With Next Connect, you can monitor, trend, and alarm your data effectively and organize it in a centralized location. You can customize your dashboards and reports to gain visibility into the exact data you need. Next Connect ensures greater efficiency, reduces risk, and provides peace of mind. Vertiv also provides expert services to assist with startup, ongoing software version upgrades, and more.

- **Cloud-based solution:** Customers can always access the latest software version. They can also access new features and supported devices as soon as they are released.
- **Vendor-neutral SNMP device management:** Integration of third-party devices available upon request.
- **Maximize uptime and increase efficiency:** Customizable dashboards and reports provide centralized management, monitoring, alerting, and trending of your devices, giving you insights you need when you need them.
- **Fast and easy configuration:** Manage your own system configuration and changes or use Vertiv's startup and helpdesk services. Users can effortlessly manage their devices' lifecycles through a unified cloud portal, making it easy to keep the firmware and device settings current.
- **Full suite of services:** From remote Helpdesk and training library to support for installation, startup and firmware upgrade.



[Vertiv™ Next™ Remote Monitoring Software](#)

Vertiv™ Environet™ Alert

Environet™ Alert is an easy to use, on-prem monitoring solution which provides remote monitoring for critical infrastructure.

- **Increase business flexibility:** Vendor neutral device monitoring to run your business the way you need. Supports device communication via SNMP, Modbus TCP/IP and BACnet IP.
- **Affordable solution:** Environet Alert is a budget-friendly solution, making it easy to deploy for small to medium businesses, edge facilities and enterprise data centers.
- **Fast and easy configuration:** Manage your own system configuration and make changes on the fly, eliminating the need for support touchpoints (optional service packages are available, if needed).
- **Customize your data:** Set your own views with the modern user interface to focus on the data you need to visualize for your business.



[Vertiv™ Environet™ Remote Monitoring Software](#)

Rack cooling

Vertiv™ SwitchAir

The **Vertiv™ SwitchAir** helps prevent network switch failure by channeling cool air from the front of the rack to the air intakes of the device regardless of where the equipment is mounted.

- Creates a barrier to effectively prevent hot exhaust air from recirculating to device intakes.
- Simple and quick installation in all standard racks or cabinets.
- Reduces the chance of network switches overheating and premature equipment failure due to high intake temperatures by directing cool air to device intakes.
- Improves equipment efficiency by providing network equipment with the same cold aisle air temperature as other devices in the rack.
- Standard three-year warranty, upgraded to five years with product registration.



Certifications:
TAA/BAA compliant.

Three-Phase UPS

Vertiv™ Liebert® ITA2 UPS 3-Phase 10kVA

The **Vertiv™ Liebert® ITA2 UPS** offers economical, efficient and reliable three-phase power for critical loads from 5 to 40kW, and up to 80kW with parallel systems.

- Flexible battery configuration: Available with both VRLA and lithium-ion options, offering extended runtime flexibility and lower total cost of ownership.
- Flexible placement: Use in a rackmount or tower configuration.
- Features scalable battery runtimes, output distribution options, unity power factor (1.0 PF) and an optional maintenance bypass cabinet.
- Compact, high-power density and unity power factor maximizes the usable power.
- Up to 93% efficiency in online mode reduces operating costs compared to competitive models.



Vertiv™ Liebert® EXS UPS 3-Phase 10-40kVA

The **Vertiv™ Liebert® EXS UPS** delivers maximum power capacity, simplicity, reliability and efficiency in a compact three-phase power solution with a reduced footprint.

- Robust availability from integrated maintenance bypass and advanced monitoring capabilities.
- Flexibility enhanced using output distribution and variable battery runtime options.
- Low TCO maintained from high operating efficiency levels (up to 93.4% in double conversion mode, 98.7% in ECO mode) and reduced installation costs.





Vertiv™ Liebert® APM2, 10-600kW, 208V and 480V/415V

The **Vertiv™ Liebert® APM2 UPS** provides flexible, scalable power protection from 10-150kVA (208V) or 20-600kVA (480V) within an industry leading footprint optimized for use in traditional and AI centric datacenter applications.

- **Start small and scale as you grow** with hot-swappable power modules and integrated paralleling. Buy only what you need today and add capacity on-site without replacing equipment.
- **Save valuable floor space** with compact high-density design and integrated maintenance bypass options (up to 150kVA/300kVA) that eliminate external bypass cabinets, reducing footprint up to 55%. Available with space-saving internal modular batteries (VRLA or Lithium-ion) or external cabinets for extended runtime.
- **Minimize downtime with impressive MTTR under 30 minutes.** Optimized modular architecture with hot-swappable components and front-access serviceability reduces Mean Time To Repair, keeping your critical systems running and labor costs lower
- **Versatile protection for traditional and emerging workloads** supporting both air-cooled IT infrastructure and liquid-cooled HPC systems, providing reliable backup for compute loads and critical cooling distribution equipment in high-density environments.



Certifications:

UL 1778 5th Edition, CSA 22.2
NO 107.3, UL 9540, IEC 62040-2,
FCC Part 15 Class A

Three-Phase UPS Service

Parts and labor warranty



Parts included

All parts included except EOL components and consumables



Labor included

The cost of labor is included

Warranty preferred



Parts included

All parts included except EOL components and consumables



Labor included

The cost of labor is included



Preventive maintenance

PM (8x5) Visit(s) within Warranty
Extension to maintain continuous and optimal equipment performance



Parts Included

All parts included except EOL components and consumables



Labor Included

The cost of labor is included



Preventive Maintenance

PM (7x24) Visit(s) within Warranty
Extension to ensure continuous and optimal equipment performance



Response Time

If an anomaly occurs, CE visit is granted within known and established amount of time

Vertiv Extended Warranties are a flexible and robust way to lengthen warranty coverage beyond the expiration of the standard Vertiv™ Liebert® Product Warranty

- Available with all EXS and ITA2 Vertiv™ Liebert® products, and select Vertiv™ Liebert® APM2 configurations
- Flexible duration lengths to cover Commissioning/Substantial Completion Storage/Delays
- Preferred and Premier warranties include additional entitlements beyond parts and labor to improve UPS lifecycle performance and reduce unplanned downtime

Site applied products

Contact your Local Vertiv Office for application support and pricing.

Vertiv™ SmartRow™ Intelligent, Integrated Infrastructure in a Self-Contained Line-Up

The **Vertiv™ SmartRow™** solution has a room neutral design that lets you avoid many of the significant costs that come with a conventional data center buildout.

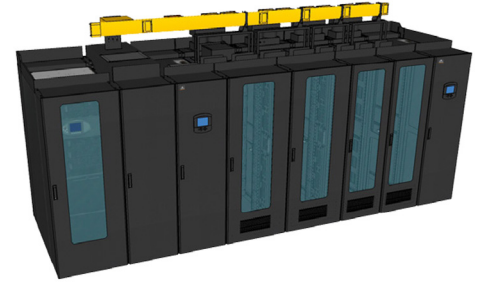
- Favorable implementation costs compared to using a conventional data center approach, due to savings from integrated fire suppression and ability to work in an existing non-raised floor environment without dedicated room cooling.
- Reduce energy consumption by up to 27% compared to a data center with conventional design, perform less maintenance and reduce the costs of adding new equipment.

Capacity: 20-80kW up to 10 racks.

Cooling: In the row DX split system and optional redundancy.

Power: N and N+1 configurations.

Floor: Primarily non-raised.



Key Applications: Small data centers, remote sites, disaster recovery.

Certifications: TAA/BAA compliant.

Vertiv™ CoolPhase Row, Row-Based Cooling System, 30-40kW

The **Vertiv™ CoolPhase Row** offers highly flexible, row-based cooling for data centers requiring higher density cooling with greater efficiency and capacity.

- Integrates within a row of data center racks, providing cooling close to the server heat source, for efficient and effective data center heat management.
- Precision cooling and humidity control.
- Features variable speed EC plug fans and inverter-driven compressor.
- Operates efficiently with Vertiv™ Liebert® iCOM™ controls.
- Uses R-32, a refrigerant with low global warming potential (GWP), which meets environmental regulations and enhances energy efficiency.



Certifications:
TAA/BAA compliant, AHRI.



Vertiv™ CoolPhase Ceiling, Ceiling-Mounted Cooling System, 3.5-28kW

The **Vertiv™ CoolPhase Ceiling** provides dedicated cooling for IT equipment without taking up valuable floor space.

- Systems can be configured with options like humidification and reheat to match exact application needs.
- Uses R-32, a refrigerant with low global warming potential (GWP), which meets environmental regulations and enhances energy efficiency.
- Easy to service, requiring only front access for maintenance.



Certifications:
AHRI

Vertiv™ CoolPhase Wall, Wall-Mounted Cooling System 3.5-11kW

The **Vertiv™ CoolPhase Wall** is a wall-mount split cooling system for electrical rooms and small server rooms.

- It has higher airflow than traditional comfort cooling systems, decreasing hot spots and supporting stable temperature control.
- Uses R-32, a refrigerant with low global warming potential (GWP), which meets environmental regulations and enhances energy efficiency.
- Equipped with remote monitoring capabilities and built-in intelligent Vertiv controls
- Plenum-approved heat rejection



Certifications:
AHRI

Integrated solutions

Vertiv™ SmartRow™ 2

The **Vertiv™ SmartRow™ 2** is an innovative approach to data center design by efficiently integrating power and distribution systems, thermal management, security, IT management, and other critical components. The solution comes with the fastest deployment rate, lowest operating cost and the lowest learning curve for operation.

- Efficient System: Fully-enclosed design that comes with cold aisle and hot aisle containment. Contained airflow provides greater cooling efficiency.
- Centralized Infrastructure & IT Management System: Monitor and manage infrastructure devices (UPS, thermal, sensors & etc.) and IT device (server, switches & etc.) under single platform.
- Optional integrated Fire Suppression: No fire suppression system upgrades to the room are needed since fire suppression is integrated into the solution.
- Controllable Security & Safety.
- Demand-Driven Deployment.





80%

Faster deployment*



30%

Lower deployment cost*



20%

Lower carbon emissions*

**For illustration purposes only. Figures are estimations based upon Vertiv's internal engineering studies and analysis. Actual deployment times, costs, and savings may vary depending upon scope, specifications, geographic locations, etc.*

Centralized infrastructure management

Enables central management of all intelligent equipment and IT devices within the system. Reading & data are consolidated into single platform.

Racks with pre-integrated containment

EIA310 19-inch rack system coupled with tempered glass door enables fully enclosed system design. Allows focused cooling in IT environment.

Precision cooling

Row-based solution designed to provide maximum cooling in a compact footprint. Cooling modulation enables cooling on demand and quickly adapts to load fluctuation.

9-inch touchscreen panel

User-friendly display enables easy access to system running status & condition.

Intelligent rPDU

Power management & distribution

Pre-assembled & pre-integrated switchboard with surge protection.

Power protection

On-line double conversion UPS with unity power factor ensures clean power feeding to critical IT equipment.

Optional Fire Suppression Cabinet

Favorable implementation costs compared to using a conventional data center approach, due to savings from integrated fire suppression.

Electronic lock

Enables rack level security and access log is recorded intelligently. Supports local & remote door authorization.

Emergency ventilation

Activates automatically in the event of overheating or cooling unit failure.

Environmental sensor

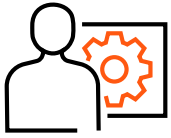
Report critical environmental information and alarm notification. Assist IT equipment is kept in desired condition.

—● Power management & protection

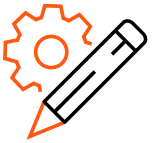
—● Thermal management

—● Management & monitoring

Sales tools



Find the perfect configuration for your whitespace:
Vertiv Interactive Product Selector



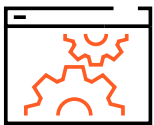
Use the **rack PDU finder**
to get the perfect configuration



Need assistance with a Vertiv product?
Vertiv Support Center



Are you looking to register your Vertiv product?
Product Registration



Want to evaluate our web interfaces
for our networked equipment?
Vertiv Web Interface Demonstrations



Reviewing plans for adopting
AI-enabling infrastructure?
Check out **Vertiv's AI Hub**

