



Vertiv™ SmartCloset™

Complete Solution Designed
to Protect IT & Network Closets



Systemic Challenges at the Edge

IT teams with limited resources face new challenges when supporting distributed IT environments such as IT and Network Closets.



Remote Visibility Across Multiple Sites



Reliability and Unplanned Downtime



Facilities not Designed for IT Infrastructure



The Vertiv™ SmartCloset™ is Designed to Reduce Complexity and Simplify Deployment.

Vertiv™ SmartCloset™

Purpose-built rack solution for Network Closets and Distributed IT

Fast

The SmartCloset™ is stocked to enable rapid deployment.

Seamless

Pre-validated by Vertiv to ensure easy deployment.

Scalable

Standardized components provide a scalable solution.



Secure IT Rack

Vertiv™ VR Racks provide a secure, organized, and efficient place to manage critical IT infrastructure and enable edge locations to meet power and space requirements.



Emergency backup power

Vertiv™ EDGE UPS and GXT5 UPS provide market-leading efficiency in line-interactive and online double-conversion topologies for power protection and voltage regulation. Also available with Lithium-ion UPS technology.



Remote Communications

Networking cards enable integration of the UPS into monitoring systems, allowing users to manage system status and alarms 24/7 anywhere in the world.



Environmental Monitoring

Help protect your critical IT infrastructure by strategically monitoring the temperature, humidity, and dew point within the network closet environment. Sensors are available only for some models.



Integrated power distribution

Vertiv™ Geist™ rPDUs give unmatched reliability, ultimate versatility, and peace of mind that the last link in your power chain is secure. Rack PDU's are available only for select models.



Your investment protected with a system level warranty from Vertiv

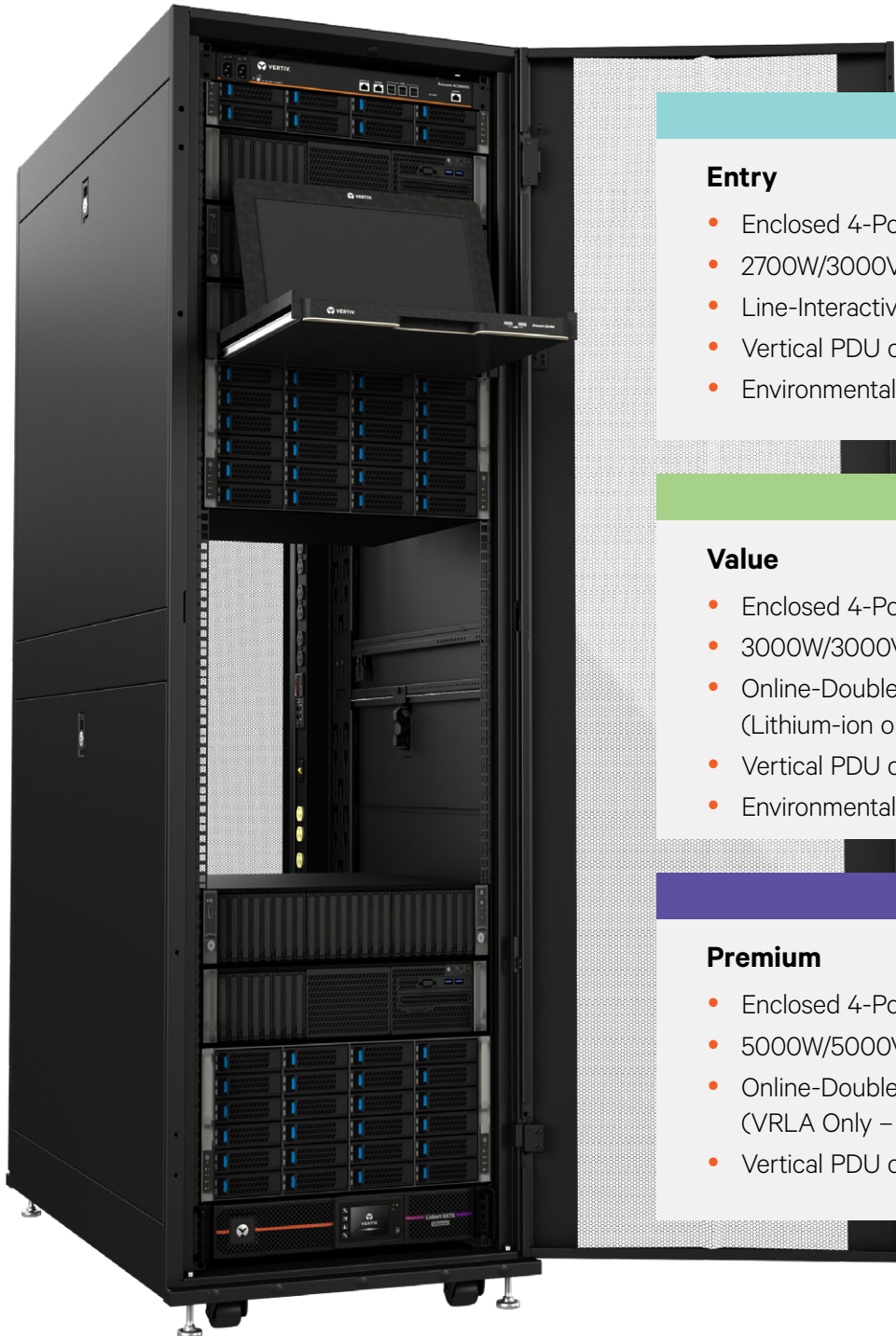
We are here to support you with service solutions for your critical infrastructure and to ensure that your vital applications always work. The Vertiv™ SmartCloset™ has a full suite of service offerings to help protect your investment and your business.



Assembly and Installation Required

Why piece together products by yourself when you can find a readily available solution that has already been curated by industry experts?

Options for Any Budget



BEST PRICE

Entry

- Enclosed 4-Post Rack
- 2700W/3000VA 230VAC System
- Line-Interactive UPS (Lithium-ion or VRLA)
- Vertical PDU on select models
- Environmental sensor on select models

BEST VALUE

Value

- Enclosed 4-Post Rack
- 3000W/3000VA 230VAC System
- Online-Double Conversion UPS (Lithium-ion or VRLA)
- Vertical PDU on select models
- Environmental sensor on select models

BEST PERFORMANCE

Premium

- Enclosed 4-Post Rack
- 5000W/5000VA 230VAC System Rating
- Online-Double Conversion UPS (VRLA Only – GXT5-5000IRT5UXLE)
- Vertical PDU on select models

Vertiv™ VR Rack

Each Vertiv™ SmartCloset™ includes a Vertiv VR Rack. The rack is designed to work with a wide variety of equipment including servers, storage, switches, routers, and other devices.

Each Rack Includes:

- Single 77% perforated locking front door.
- Split 77% perforated locking rear doors.
- 2 pair split locking side panels.
- High density cable entry top cover (2000 Cat 6 cables).
- 2 sets of 19" EIA Rails.
- 2 full height rack PDU Mounting / cable management brackets (one per side).
- Low profile casters and leveling feet.
- Baying brackets.
- Bolt down brackets.
- Hardware includes (50 each M6 cage nuts and screws), Cage nut installation tool, edge protection for top panel cable entry, T30 / Phillips L key, T30 extension driver.
- Keys.

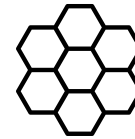


Scan to Learn More



High Density Cable Entry Top Panel

Removable openings for cable entry — ready for front / rear cabling. Can accommodate over 2000 Cat 6 cables.



Doors

Single and split 77% perforated doors providing maximum airflow. Lift off hinges for easy removal, and field reversibility.

Frame

More usable depth compared to similar sized rack.



Tool-less Cable Management

Requires just inserting and twisting the tool-less accessories on 19" vertical mounting rail, or the PDU / cable management brackets.



Integrated 19" Rail Alignment

Ensures 19" rails are positioned correctly without measuring.



Split Locking Side Panels

For quick and easy installation and maintenance. Locks provide security.



Leveling Feet

Accessible from the top of the frame for easy adjustment.

Cable Management Accessories

Each Vertiv™ SmartCloset™ includes cable management accessories to aid in optimal organization for efficient operation and increased reliability.

Velcro Straps



Part Number: VRA1005
Quantity: (10)

Vertical Cable Managers



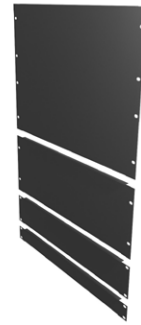
Part Number: VRA1014
Quantity: (2)

Optional Rack Accessories

Blanking Panels

A frequently overlooked component in air flow management, blanking panels allow you to close unused U space within the rack while promoting proper airflow to IT equipment.

Part Number	Description
VRA2000	1U 19" Black Plastic Tool Less Airflow Blanking Panel (Qty. 10)
VRA2001	1U 19" Black Plastic Tool Less Airflow Blanking Panel (Qty. 200)
VRA2002	19" Sheet Metal Airflow Blanking Panel Kit (1U, 2U, 4U, 8U) Black (Qty. 1 ea. Size)
VRA2003	1U 19" Sheet Metal Airflow Blanking Panel Kit Black (Qty. 2) Black



VRA2002

Door Locks

Locking rack handle for increased security.

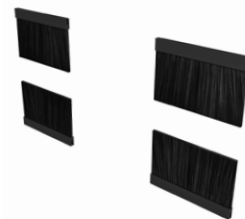
Part Number	Description
VRA6023	Combination Lock Handle (Qty. 2)



VRA6023

Cable Pass Through Brush Kit

Part Number	Description
VRA2006	Cable Pass Through Brush Kit for Top Panel (Qty. 8)



VRA2006



Scan to Find
Other Accessories

Vertiv offers a comprehensive portfolio of rack accessories for cable management, airflow management, blanking panels, mounting, and physical security.

UPS Battery Backup

Each Vertiv™ SmartCloset™ includes a network and server grade UPS and network card for power protection and remote management. Choose one from the following options:

Line-Interactive UPS

- Surge protection
- Battery backup
- Automatic voltage regulation
- Network Card (IS-UNITY-SNMP)
- 4-6ms transfer-time to battery

Vertiv™ EDGE

3kVA 230VAC



Network Card Included (IS-UNITY-SNMP)
Scalable Runtime Supported

Vertiv™ EDGE Lithium-Ion

3kVA 230VAC



Network Card Included (IS-UNITY-SNMP)
Scalable Runtime Not Supported

Online Double-Conversion UPS

- Surge protection
- Battery backup
- Automatic voltage regulation
- Network Card (RDU101)
- + Zero transfer-time to battery
- + Frequency Regulation

Vertiv™ Liebert® GXT5

5kVA 230VAC or 3kVA 240VAC



Network Card Included (RDU101)
Scalable Runtime Supported

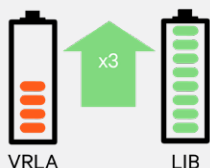
Vertiv™ Liebert® GXT5 Lithium-Ion

3kVA 230VAC

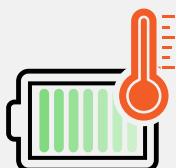


Network Card Included (RDU101)
Scalable Runtime Supported

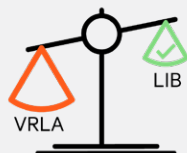
Lithium-ion Outperforms VRLA



Last up to
3x Longer



Resilient
To Heat



Higher Power
Density



Lower
TCO

Scan here to
learn more about
lithium-ion UPS



Power Distribution

Select Vertiv™ SmartCloset™ models include a rack PDU to provide reliable power distribution and enable remote monitoring with automated alerts. Choose one from the following options:

Monitored PDU

- Upgradeable Intelligence
- Remote Monitoring & Metering
- Alarms (SNMP, email, SMS)

Part Number: VP8858

Vertical, 230VAC 16A



IEC C13 18 outlets
IEC C19 2 outlets

Switched PDU

- Upgradeable Intelligence
- Remote Monitoring & Metering
- Alarms (SNMP, email, SMS)
- + Remote Outlet Control (on, off, reboot)
- + Programmable Power Sequencing

Part Number: VP8959EU3

Vertical, 230VAC 16A



U-Lock IEC C13 21 Outlets
U-Lock IEC C19 3 Outlets

Additional Options

Other PDUs can be purchased separately. Vertiv offers a complete portfolio of rack PDUs stocked and readily available for any application.

- Basic
- Metered
- Monitored
- Switched



Scan here to use
our PDU Finder



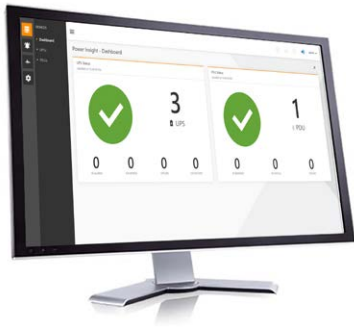
Environmental Monitoring

Vertiv™ SmartCloset™ models with a Switched PDU also include an Environmental Sensor that monitors temperature, humidity, and dew point.

Part Number: GTHD

Free Power Management Software

Vertiv™ Power Insight



Scan for details

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.

Optional Remote Monitoring Software

Vertiv™ Environet™ Alert



Scan for details

Vendor-neutral data center infrastructure monitoring software helps prevent downtime and reduces operational costs.

Vendor Neutral

- Supports your entire fleet of devices for comprehensive visibility in one platform.

Scalable Platform

- Plans based on number of devices to support any size deployment and budget.

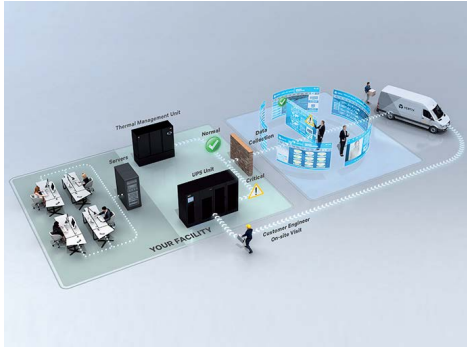
Customizable Dashboard

- Choose your own views to focus on the data you need the most.

Connect Operations

- Connect your DCIM and BMS to get one complete picture of your operations.

Vertiv™ LIFE™ Remote Diagnostic Services for Rapid Response



Uptime assurance

- Continuous monitoring for early detection of trends and operating anomalies.
- Analysis and interpretation of alarm and status messages.

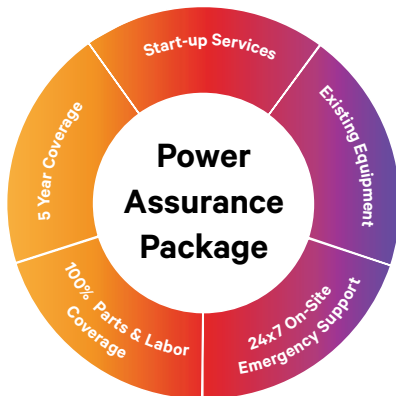
Rapid incident response

- Automatic transmission of data for analysis.
- Concurrent diagnosis and dispatch of engineer to site.
- Shipment of parts for corrective maintenance.

Increased insight and ease of management

- Notification of operating conditions that may impact system health.
- Periodic trend and analysis reports.
- Integration of remote and on-site services to ensure business continuity.

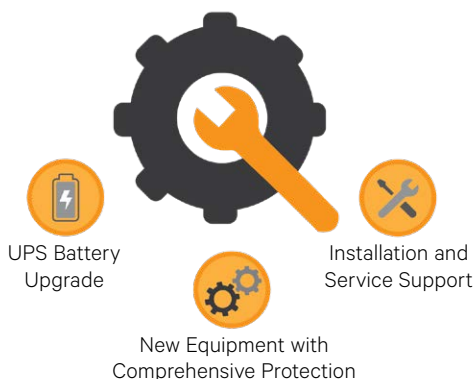
Power Assurance Package



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™ EDGE and Vertiv™ Liebert® GXT UPS products, from 500VA – 10kVA.
- 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 Vertiv Liebert GXT and Vertiv EDGE 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.

Other Accessories

Optional Accessories below are not included but may be purchased separately.

Vertiv™ Geist™ Rack Transfer Switch

Delivers redundant power to single-corded devices by automatically detecting loss of primary power and switching to the alternative power source in 4-8ms. Multiple configurations are available.

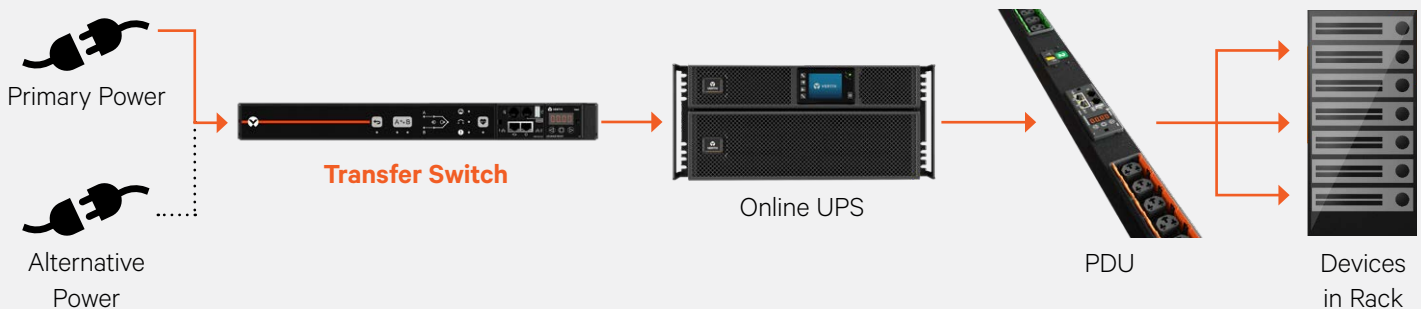


Model number **VA4G9100** is compatible with 5000VA 230VAC SmartCloset models
 Model number **VA4U2100** is compatible with 3000VA 240VAC SmartCloset models



SCAN FOR DETAILS

Recommended Configuration



Vertiv™ Liebert® MicroPOD

Maintenance bypass and power distribution accessory allows manual transfer of connected equipment to utility power to enable scheduled maintenance without power disruption.

Zero-U Design

- Mounts to rear of Vertiv™ EDGE single phase UPS or Vertiv™ Liebert® GXT5 UPS (3000VA and below)



Model number **MP2-220L** is compatible with 3000VA 230VAC SmartCloset models



SCAN FOR DETAILS

Technical Specifications - Entry Models

Network Closet Bundle SKUs	VSC42EX30PLANN	VSC42EX30PLAMV	VSC42EX30PLASV	VSC42EX30PLINN	VSC42EX30PLIMV	VSC42EX30PLISV
System Specifications						
W x D x H, mm (in)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)
Weight, kg (lbs)	159 (350)	166.5 (367)	168 (371)	151 (334)	159 (350)	160 (354)
Static load / Dynamic load, kg (lbs)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)
U-Space (Usable)	40U	40U	40U	40U	40U	40U
rPDU Type	N/A	Monitored	Switched	N/A	Monitored	Switched
Usable Outlets, (rPDU)	N/A	18 x IEC60320 C13 2 x IEC60320 C19	21 x U-Lock IEC60320 C13 3 x U-Lock IEC60320 C19	N/A	18 x IEC60320 C13 2 x IEC60320 C19	21 x U-Lock IEC60320 C13 3 x U-Lock IEC60320 C19
UPS Topology	Line Interactive	Line Interactive	Line Interactive	Line Interactive	Line Interactive	Line Interactive
UPS Battery Chemistry	VRLA	VRLA	VRLA	Lithium-ion	Lithium-ion	Lithium-ion
Usable Outlets, (UPS)	3 + 3 x IEC60320 C13 1 x IEC60320 C19	3 + 3 x IEC60320 C13	3 + 3 x IEC60320 C13	3 + 3 x IEC60320 C13 1 x IEC60320 C19	3 + 3 x IEC60320 C13	3 + 3 x IEC60320 C13
Environmental Monitoring	N/A	N/A	Temperature Humidity Dew Point	N/A	N/A	Temperature Humidity Dew Point
Power Rating, VA	3000	3000	3000	3000	3000	3000
Max IT Load, Watts	2700	2700	2700	2700	2700	2700
Warranty and Service						
Standard Warranty	3-Year, System Level	3-Year, System Level	3-Year, System Level	5-Year, System Level	5-Year, System Level	5-Year, System Level
Bill of Material						
Rack	VR3100	VR3100	VR3100	VR3100	VR3100	VR3100
UPS	EDGE-3000IRT2UXL	EDGE-3000IRT2UXL	EDGE-3000IRT2UXL	EDGELI-3000IRT2U	EDGELI-3000IRT2U	EDGELI-3000IRT2U
rPDU	N/A	VP8858	VP8959EU3	N/A	VP8858	VP8959EU3
Monitoring	IS-UNITY-SNMP	IS-UNITY-SNMP	IS-UNITY-SNMP	IS-UNITY-SNMP	IS-UNITY-SNMP	IS-UNITY-SNMP
Sensors	N/A	N/A	GTHD	N/A	N/A	GTHD
Rack Accessories	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005

Technical Specifications - Value Models

Network Closet Bundle SKUs	VSC42EX30GLANN	VSC42EX30GLAMV	VSC42EX30GLASV	VSC42EX30GLINN	VSC42EX30GLIMV	VSC42EX30GLISV
System Specifications						
W x D x H, mm (in)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)
Weight, kg (lbs)	157 (346)	164 (362)	166 (366)	149 (329)	156 (345)	158 (349)
Static load / Dynamic load, kg (lbs)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)	1360 (3000) / 1022 (2250)
U-Space (Usable)	40U	40U	40U	40U	40U	40U
rPDU Type	N/A	Monitored	Switched	N/A	Monitored	Switched
Usable Outlets, (rPDU)	N/A	18 x IEC60320 C13 2 x IEC60320 C19	21 x U-Lock IEC60320 C13 3 x U-Lock IEC60320 C19	N/A	18 x IEC60320 C13 2 x IEC60320 C19	21 x U-Lock IEC60320 C13 3 x U-Lock IEC60320 C19
UPS Topology	Online Double-Conversion	Online Double-Conversion	Online Double-Conversion	Online Double-Conversion	Online Double-Conversion	Online Double-Conversion
UPS Battery Chemistry	VRLA	VRLA	VRLA	Lithium-ion	Lithium-ion	Lithium-ion
Usable Outlets, (UPS)	6 x IEC60320-C13 1 x IEC60320-C19	6 x IEC60320-C13	6 x IEC60320-C13	6 x IEC60320-C13 1 x IEC60320-C19	6 x IEC60320-C13	6 x IEC60320-C13
Environmental Monitoring	N/A	N/A	Temperature Humidity Dew Point	N/A	N/A	Temperature Humidity Dew Point
Power Rating, VA	3000	3000	3000	3000	3000	3000
Max IT Load, Watts	3000W	3000W	3000W	2700	2700	2700
Warranty and Service						
Standard Warranty	3-Year, System Level	3-Year, System Level	3-Year, System Level	5-Year, System Level	5-Year, System Level	5-Year, System Level
Bill of Material						
Rack	VR3100	VR3100	VR3100	VR3100	VR3100	VR3100
UPS	GXT5-3000IRT2UXLE	GXT5-3000IRT2UXLE	GXT5-3000IRT2UXLE	GXT5LI-3000IRT2UXL	GXT5LI-3000IRT2UXL	GXT5LI-3000IRT2UXL
rPDU	N/A	VP8858	VP8959EU3	N/A	VP8858	VP8959EU3
Monitoring	RDU101	RDU101	RDU101	RDU101	RDU101	RDU101
Sensors	N/A	N/A	GTHD	N/A	N/A	GTHD
Rack Accessories	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005

Technical Specifications - Premium Models

Network Closet Bundle SKUs	VSC42EX50GLANN	VSC42EX50GLAMV	VSC42EX50GLASV
System Specifications			
W x D x H, mm (in)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)	600 x 1100 x 2000 (23.6 x 43.3 x 78.6)
Weight, kg (lbs)	195 (429)	202 (446)	204 (449)
Static load / Dynamic load, kg (lbs)	37U	37U	37U
U-Space (Usable)	37U	37U	37U
rPDU Type	N/A	Monitored	Switched
Usable Outlets, (rPDU)	N/A	18 x IEC60320 C13 2 x IEC60320 C19	21 x U-Lock IEC60320 C13 3 x U-Lock IEC60320 C19
UPS Topology	Online Double-Conversion	Online Double-Conversion	Online Double-Conversion
UPS Battery Chemistry	VLRA	VLRA	VLRA
Usable Outlets, (UPS)	Hardwire 6 x IEC60320 C13 2 x IEC60320 C19	Hardwire 6 x IEC60320 C13 1 x IEC60320 C19	Hardwire 6 x IEC60320 C13 1 x IEC60320 C19
Environmental Monitoring	N/A	N/A	Temperature Humidity Dew Point
Power Rating, VA	5000	5000	5000
Max IT Load, Watts	5000	5000	5000
Warranty and Service			
Standard Warranty	3-Year, System Level	3-Year, System Level	3-Year, System Level
Bill of Material			
Rack	VR3100	VR3100	VR3100
UPS	GXT5-5000IRT5UXLE	GXT5-5000IRT5UXLE	GXT5-5000IRT5UXLE
rPDU	N/A	VP8858	VP8959EU3
Monitoring	RDU101	RDU101	RDU101
Sensors	N/A	N/A	GTHD
Rack Accessories	VRA1014 VRA1005	VRA1014 VRA1005	VRA1014 VRA1005

Vertiv™ Edge Infrastructure One-Stop Shop

Vertiv offers an unmatched portfolio of reliable infrastructure from trusted brands to simplify edge deployments.

Liebert® | Geist™ | Avocent®



Rack Enclosures



IT Management



Power Distribution



Lifecycle Services



UPS



Cooling



Want to Learn More?



Contact us: AskTheExpert@Vertiv.com

Scan to see
our Edge portfolio





Vertiv.com | Vertiv Infrastructure Limited, Fraser Road, Priory Business Park, Bedford, MK44 3BF, VAT Number GB605982131

© 2023 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.

SL-71061-EMEA (R04/23)