

Vertiv™ Integrated Rack Solution

Reference Design #31

Essential Commercial and Office 42U Rack 1500VA Capacity

Solution Requirements

Physical Protection

- Safeguard network gear from environmental threats and unauthorized access.
- Prevent dust, debris, and moisture from damaging equipment.

Power Protection

- Prevent business interruption caused by power loss or power fluctuations with battery backup technology.
- Achieve maximum uptime with redundant gear protecting critical application during an unexpected equipment failure.

On-Site Management

- Simplify deployment and support future growth with infrastructure designed for total compatibility and scalability.
- Recover business critical floor space with IT infrastructure designed with tight spaces in mind.
- Streamline deployment and get critical applications up and running faster with on-site services and support.

Form Factor: Rack

Objective: Support network connectivity in commercial and office environments.

Recommended Environment

Climate-controlled unsecure environment with air conditioning in place for human comfort where temperature, humidity, and air quality control challenges could put IT equipment at risk of damage from uncontrolled heat, dust, or moisture.

- Converted Closet
- General Access Area
- Retail Stock Room

Integrated Solution Summary

Capacity	1500VA/1350W
Rack(s)	42U x 600mm x 1100mm (HxWxD)
Power Protection	Line Interactive UPS
Redundancy	N
Power Distribution	UPS output receptacles - 6 x IEC320 C13
Cooling	Optional Upgrade
Containment	Optional Upgrade
Monitoring	Optional Upgrade
Services	Optional Upgrade
Warranty	3 years
Software	Optional Upgrade

Integrated Solution Includes

Qty	Product Summary	SKU	Description
1	Rack	VR3100	VR3100ÿ- 42U x 600mm x 1100mm (HxWxD) Vertiv™ VR Rack
1	UPS	EDGE-1500IRM1U	Vertiv™ EDGE UPS 1500VA/1350W. Manageable and efficient line interactive UPS, with with 0.9 power factor, controllable outlets and extended runtime options. Compact 1U rack mount design for Edge applications with up to 5 minutes runtime when loaded to 100%.

*Additional accessories and components are required and included in the integrated solution. Contact a Vertiv Partner for the complete bill of materials, to receive pricing, and to purchase.

Recommended Upgrades

Qty	Product Summary	Model #:	Description
1	Warranty and Service	RUPS-WE1-004	1-year Extended Warranty - This extends standard warranty by one year. Covers electronic parts and batteries.

Explore all **Commercial and Office** form factors and power configurations available, **Endpoint, Rack, and Row** by visiting the Solution Builder on [Vertiv.com](https://www.vertiv.com) or by contacting a Vertiv Sales Representative.