# Vertiv™
# PowerGo rPDUs

# Vertiv™ PowerGo Rack PDUs

*Simplify and enhance your power distribution with our Vertiv™ PowerGo Rack Power Distribution Unit (PDU). Designed for reliability and ease of use, our PDU provides essential power distribution features at budget-friendly price. Perfect for small to medium-sized server racks, data centers, and network closets, our Vertiv PowerGo Rack PDU provides power and control in a straightforward package.*

## Explore our comprenhesive portfolio featuring monitoring and control functionalities:

### Vertiv PowerGo Basic rPDUs:

Provide your equipment receives consistent and reliable power with Vertiv™ Basic PowerGo rack PDU. With compact space saving design, rack PDUs are compatible with rack portfolio.

### Vertiv PowerGo Monitored rPDUs:

Vertiv PowerGo Monitored rack PDU are equipped with monitoring capabilities, allowing you to track power localy on LED display or remotely via remote network access.

### Vertiv PowerGo Switched rPDUs:

Get a comprehensive view of input power usage and control individual outlet with Vertiv™ Switched PowerGo rack PDUs.

## Vertiv PowerGo

| | Basic<br>EP0GXXXX | Monitored<br>EP4GXXXX | Switched<br>EP5GXXXX |
|---|---|---|---|
| **Design feature** | | | |
| Compact design | • | • | • |
| 0U configuration | • | • | • |
| 1U configuration | • | • | |
| Local high visibility LED display | | • | • |
| Hard Reboot Button | | • | • |
| Heavy Steel - Powder Coat Finish | Black | Black | Black |
| **Product specification** | | | |
| Local Monitoring | | • | • |
| Remotely Monitoring | | • | • |
| Input Power Monitoring accurancy (kWh, W, VA, PF, V, A) | | ±1% | ±1% |
| Circuit breaker monitoring accurancy | | ±2% | ±2% |
| Daisy chain Ethernet | | • | • |
| Alarm configuration | | • | • |
| Network connection | | 10/100 Mbps Ethernet | 10/100 Mbps Ethernet |
| Individual outlet remote control | | | • |
| Group outlet remote control | | | • |
| Massive firmware update | | • | • |
| **Environmental** | | | |
| Maximum Operating Temperature | 45 | 45 | 45 |
| **Warranty** | | | |
| Standard warranty | 1 year | 1 year | 1 year |

## Key features

**Temperature grade**
Up to 45°C working ambient variants for high temperature environments.

**Outlet control**
Access the rPDU remotely via the network interface or serial connection to monitor power consumption and configure user-defined alert notifications to prevent downtime.

**Outlet control**
Address unresponsive equipment or increase runtime of critical equipment upon power failure with outlet-level control.

**Small Footprint**
Compact size to install in tight spaces.

**Lockable outlets**
C13 and C19 manual lock.

**Fault-Tolerant Daisy Chaining**
Simplifies intelligent rPDU Connectivity and ensures data is reported even when a break in the network chain occurs.

**Monitoring accurancy**
Power Monitoring 1% accuracy tested to ANSI and IEC standards.

**LED display Local high visibility Display for local monitoring**

**Color**
Black powder coat finish.

**Warranty**
Year standard warranty

**Certifications***
- CE Marked
- FCC Marked
- Complies with IEC 62368-1
- Complies with EN 55032,EN 55035
- RoHS

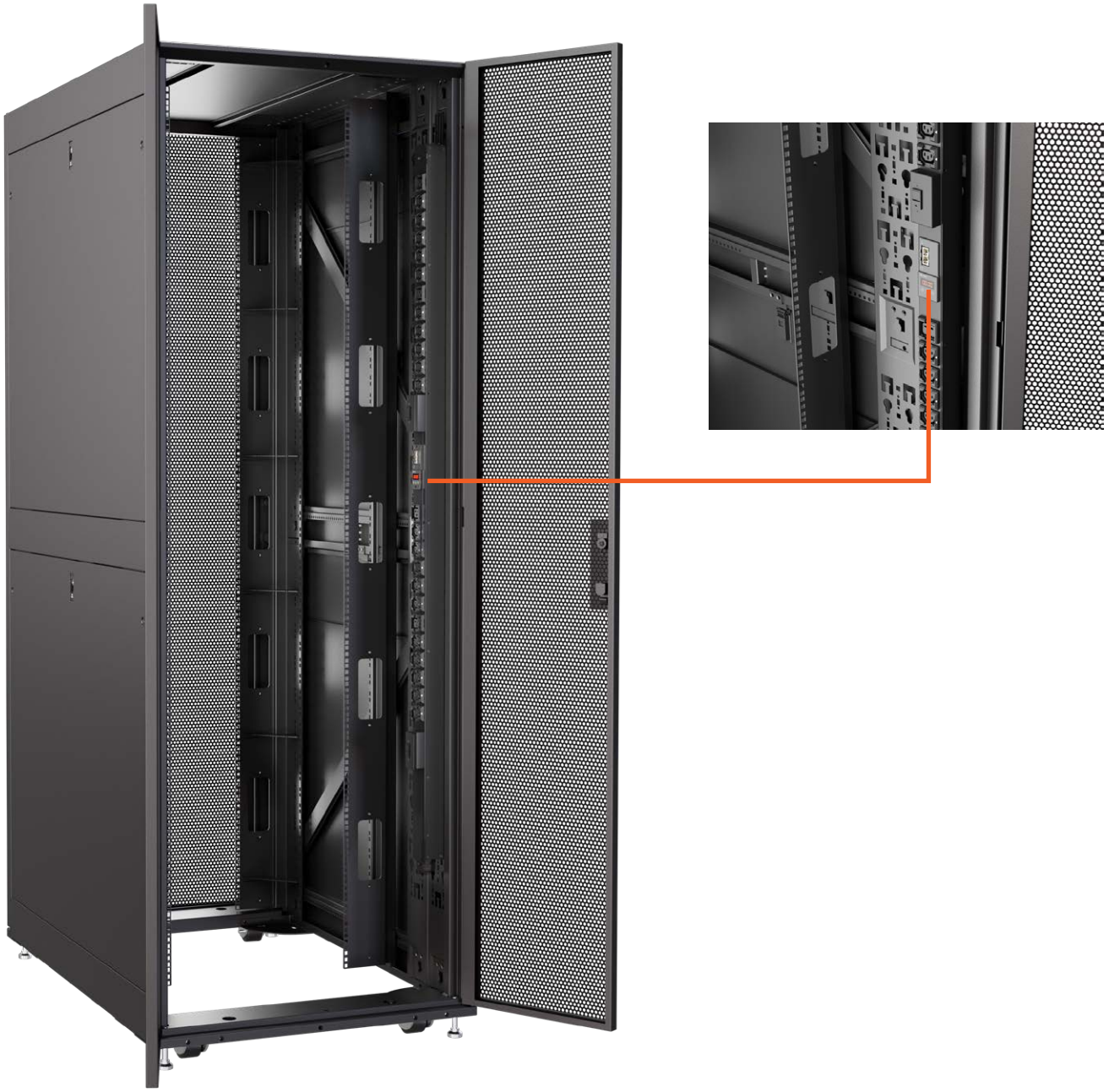
## Benefits

**Tested for functionality:**
Every unit is 100% tested for reliability and functionality.

**Intelligent rack PDU:**
Advanced unit monitoring, remotely and locally with or without on/off outlet switching capabilities.

**Easy installation and deployment**
Simple installation and monitoring setup.

**Compatible with racks**
Available in vertical 0U and 1U rackmountable dimension Included bracket for vertical units.



## All Monitored and Switched Vertiv™ PowerGo rPDU come with preintegrated IMD-3x rack PDU controler

**Dual Ethernet ports:**
The dual Ethernet ports allowing for multiple devices to be daisy- chained.

The dual Ethernet ports can be independently configured dual Ethernet network interfaces, allowing the rPDU to connect to two different networks.

**Display:**
Local high visibility LED display for input power monitoring. The local display shows the phase, line and circuit current values (in amperes).

**Network connection:**
Dual 10/100 Mbps Ethernet.

## For increased flexibility Vertiv™ PowerGo Offers:

**Receptacles:**

- German Schuko
- IEC C13
- IEC C19

**Type:**

- Basic
- Monitored per Unit Level
- Switched and Monitored per Unit Level

**Configuration:**

- Horizontal
- Vertical

**German Schuko outlet**
1U Chassis dimensions
435mm x 44mm x 44.4mm

## Vertiv™ PowerGo

| Model | rPDU Type | rPDU sub-type | Horizontal/ Vertical | Volts | Amps | Max kVA | Plug Type | Socket Qty/ Type | Max operating temp° |
|---|---|---|---|---|---|---|---|---|---|
| EP0G01A0 | Basic | Standard | Horizontal | 230V | 10A | 2.3 kVA | C14 inlet | (8) Schuko | 45°C |
| EP0G01A1 | Basic | Standard | Horizontal | 230V | 10A | 2.3 kVA | C14 inlet | (9) C13 | 45°C |
| EP0G81A0 | Basic | Standard | Horizontal | 230V | 16A | 3.6 kVA | Schuko | (9) C13 | 45°C |
| EP0G81A1 | Basic | Standard | Horizontal | 230V | 16A | 3.6 kVA | Schuko | (8) Schuko | 45°C |
| EP0G90A0 | Basic | Standard | Vertical | 230V | 32A | 7.3 kVA | 1P+N+E (IP44) | (20)C13 (4) C19 | 45°C |
| EP4G81A0 | Monitored | Unit Level | Horizontal | 230V | 16A | 3.6 kVA | Schuko | (6) Schuko | 45°C |
| EP4G80A0 | Monitored | Unit Level | Vertical | 230V | 16A | 3.6 kVA | 1P+N+E (IP44) | (18)C13 (3)C19 | 45°C |
| EP4G90A0 | Monitored | Unit Level | Vertical | 230V | 32A | 7.3 kVA | 1P+N+E (IP44) | (20)C13 (4) C19 | 45°C |
| EP4G90A1 | Monitored | Unit Level | Vertical | 230/400V | 32A | 22 kVA | 3P+N+E (IP44) | (30)C13 (6) C19 | 45°C |

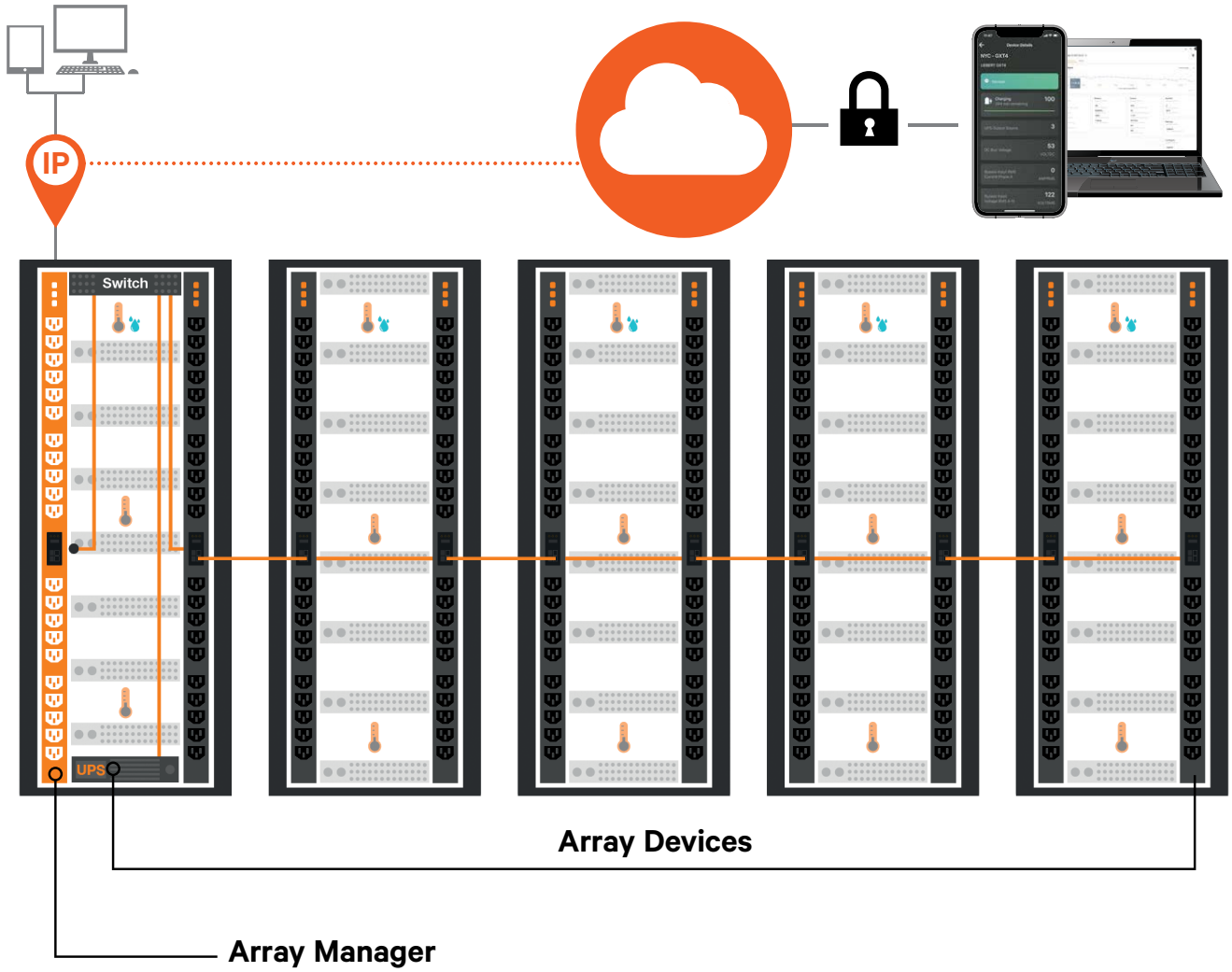
## Vertiv™ PowerGo rPDUs offer enhanced monitoring and simplified networking with Vertiv™ Intelligence Director

### How it works

1. Designate a Switched or Monitored unit as the array manager.
2. Connect up to 50 array devices through a network switch or by daisy chaining the rPDUs to the array manager.
3. Securely access array device data via SNMP or the array manager user interface through a single IP address and bring the consolidated data in your private cloud.
4. Bring your infrastructure data together with the option to connect to the Vertiv Intelligence cloud platform.

## Vertiv" Intelligence Director

**Plug-n-play data center infrastructure enabling lightning fast deployments**



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