

# Vertiv™ PowerUPS 200 Essential

Line Interactive Series



A reliable and affordable line interactive battery backup for electronic devices.

## Highlights

The Vertiv™ PowerUPS 200 Essential Line Interactive Series delivers reliable power protection for your electronic devices with a refreshed design and improved features.

### Features and benefits

#### Automatic Voltage Regulation

**(AVR):** Stabilizes output power during fluctuations, extends battery life and provides clean power to all connected devices.

**Up to 6 outlets:** Available with 4 to 6 battery backup and surge protected outlets for all your critical devices.

**User-replaceable batteries:** Quickly and safely swap out batteries to extend UPS life.

**Runtime LED indicators:** 4 indicators provide a quick view of remaining battery capacity.

**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.

**2-year warranty:** Full unit coverage, including the battery, with a convenient replacement warranty.

#### Equipment Protection Plan (EPP):

The Equipment Protection Plan offers reimbursement or replacement for any devices damaged by power surges while connected to your Vertiv PowerUPS 200 Essential.

**Flexible capacity options:** Choose from 600VA, 1000VA, 1600VA or 2200VA models to match the power capacity and runtime requirements of your connected devices.

#### Free management software:

Vertiv™ Power Assist gracefully shuts down your devices during power outages. It is easy to install and helps protect your devices from data loss and equipment damage.



### Reliable battery backup and surge protection for your electronics.

The Vertiv PowerUPS 200 Essential Line Interactive Series delivers reliable 1-Phase UPS capabilities in a sleek design, providing essential battery backup and surge protection for your electronics.

With up to six battery backup outlets, the Vertiv PowerUPS 200 Essential offers the flexibility to power and protect multiple devices simultaneously, including computers, gaming consoles, workstations, retail point-of-sale (POS) equipment, wireless networks, surveillance systems, and more.

Backed by a standard 2-year warranty, the Vertiv PowerUPS 200 Essential combines functionality with a modern aesthetic, delivering dependable power protection designed to meet your needs.

## Applications

### The Vertiv™ PowerUPS 200 Essential is ideal for:

- Personal electronics
- Wireless networks
- TVs
- PCs
- Monitors
- Gaming consoles
- Streaming media players
- Surveillance systems
- Smart devices
- Retail point-of-sale (POS) systems



# Technical specifications

## System specifications

| Model number                           |                                      |                   |                                        |                    |
|----------------------------------------|--------------------------------------|-------------------|----------------------------------------|--------------------|
| IEC models                             | PSA6E-600IT-IEC                      | PSA6E-1000IT-IEC  | PSA6E-1600IT-IEC                       | PSA6E-2200IT-IEC   |
| Schuko models                          | PSA6E-600IT-SCH                      | PSA6E-1000IT-SCH  | PSA6E-1600IT-SCH                       | PSA6E-2200IT-SCH   |
| Capacity (VA / W)                      | 600 / 315                            | 1000 / 525        | 1600 / 925                             | 2200 / 1225        |
| Unit dimensions, in (mm) W x D x H     | 4.72 x 13.98 x 7.1 (120 x 355 x 180) |                   | 5.71 x 15.75 x 7.68 (145 x 400 x 195 ) |                    |
| Unit weight, lbs (kg)                  | 11.0 lbs (5.0 kg)                    | 13.7 lbs (6.2 kg) | 27.6 lbs (12.5 kg)                     | 28.4 lbs (12.9 kg) |
| Shipping dimensions, in (mm) W x D x H | 7.8 x 16.9 x 10.8 (197 x 430 x 275)  |                   | 9.3 x 19.5 x 12.0 (235 x 495 x 305)    |                    |
| Shipping weight, lbs (kg)              | 13.4 lbs (6.1 kg)                    | 16.1 lbs (7.3 kg) | 30.9 lbs (14.0 kg)                     | 31.8 lbs (14.4 kg) |

## Input AC

|                                  |                                                            |  |               |
|----------------------------------|------------------------------------------------------------|--|---------------|
| Nominal voltage                  | 220-240 VAC                                                |  |               |
| Voltage range                    | 140-290 VAC                                                |  |               |
| Frequency range                  | 50/60Hz +/- 1 Hz (auto-sensing)                            |  |               |
| Protection                       | Resettable Circuit Breaker                                 |  |               |
| Surge energy rating              | 475 Joules (Line-Neutral, Line-Ground, and Neutral-Ground) |  |               |
| Input connection (IEC models)    | IEC 60320 C13                                              |  | IEC 60320 C20 |
| Input connection (Schuko models) | Schuko CEE 7/7P                                            |  |               |

## Output AC (On utility)

|                 |                                 |
|-----------------|---------------------------------|
| Nominal voltage | 220-240VAC                      |
| Voltage range   | 195-255 VAC                     |
| Frequency range | 50/60Hz +/- 1 Hz (auto-sensing) |
| Efficiency      | Up to 95% @100% Load            |

## Output AC (On battery)

|                                                          |                                                       |                 |                |               |
|----------------------------------------------------------|-------------------------------------------------------|-----------------|----------------|---------------|
| Nominal voltage                                          | 230 VAC                                               |                 |                |               |
| Voltage range                                            | 230 +/- 10 VAC                                        |                 |                |               |
| Frequency range                                          | 50/60Hz +/- 1 Hz (auto-sensing)                       |                 |                |               |
| Waveform                                                 | Simulated Sinewave                                    |                 |                |               |
| Transfer time                                            | 2-6 ms, typical (10 ms max)                           |                 |                |               |
| Overload capacity                                        | 110% for 5 seconds, 120% immediate shutdown           |                 |                |               |
| Protection                                               | Electronic (over current, short circuit, over charge) |                 |                |               |
| Backup time (full load / half load) mins                 | 1 min / 8 min                                         | 0.5 min / 6 min | 2 min / 10 min | 2 min / 9 min |
| Battery type                                             | Sealed Valve Regulated Lead Acid (VRLA)               |                 |                |               |
| Battery backup & surge protected outlets (IEC models)    | 4 (IEC)                                               | 6 (IEC)         |                |               |
| Battery backup & surge protected outlets (Schuko models) | 4 (Schuko)                                            |                 | 5 (Schuko)     |               |

## Environmental requirements

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Operating temperature °F (°C)     | 32 - 104 (0 - 40)                 |
| Operating elevation, feet (meter) | 0 - 10,000 feet (0 - 3,000)       |
| Relative humidity                 | 0-95% non-condensing              |
| Storage temperature °F (°C)       | -4 to 104 (-20 to 40)             |
| Storage elevation, ft (m)         | 0 - 10,000 feet (0 - 3,000)       |
| Audible noise                     | <45dBA @ 3 ft (1m) from all sides |

## Agency

|                |                                                         |
|----------------|---------------------------------------------------------|
| Safety         | CB, CE, EN/IEC 62040-1, UKCA, RCM, EAC                  |
| RFI / EMI      | EN/IEC 62040-2, EN/IEC 61000-3-2, EN 61000-3-3, CAT: C1 |
| Surge immunity | IEC 61000-4-5                                           |
| Environmental  | ROHS, REACH, WEEE                                       |
| Transportation | ISTA Procedure 3A                                       |

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