



## Product brochure

# Vertiv™ PowerUPS 200 Line Interactive Series

600VA to 2200VA, 230V

Reliable, affordable desktop power protection for PCs, workstations and essential electronics.



# Reliable protection. Modern design. Everyday peace of mind.

The Vertiv™ PowerUPS 200 series delivers reliable desktop UPS protection in a modern, space-saving design, providing essential battery backup and surge protection for your electronics.

Applications:

- Personal Computers
- Workstations
- Gaming Consoles
- Kiosks
- Smart home devices
- Surveillance systems
- Wireless Networks
- Retail Point-of-Sale (POS) equipment

## What's in the box :

- Vertiv PowerUPS 200 UPS
- Quick Installation Guide
- Safety Instructions
- USB Cable, Type A to B
- Input/Output Power Cord
- 600VA/1000VA/1600VA IEC models – 1 x IEC C13 to C14 output cable
- 2200VA IEC models – 1 x IEC C19 to C20 output cable
- 600VA/1000VA/1600VA Schuko models – 1 x CEE7/7P to IEC C14 output cable
- 2200VA Schuko models – 1 x CEE7/7P to IEC C19 output cable

## PowerUPS 200 Line Interactive Series Tier Comparison



Feature	Essential (600VA to 2200VA)	Standard (1000VA to 1600VA)
Runtime Indicator	LED	Colour LCD Screen
Number of Outlets	4 to 6	4 to 8
Runtime (Entry level PC, 20" LCD screen and network gateway)	90 mins	135 mins
USB Ports	-	USB A and C
Warranty	2 years	3 years
User Replaceable Batteries	•	•
Dataline Surge Protection	• (except 600VA)	•
Alarm Management	•	•
Power Assist	•	•



## Vertiv PowerUPS 200 Essential Line Interactive Series highlights:



### 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 advanced 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 UPS.

**Wide range of 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.

## Vertiv PowerUPS 200 Standard Line Interactive Series highlights:



### 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 8 outlets:** Available with 4 to 8 battery backup and surge protected outlets for all your critical devices.

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

**USB-A and USB-C charging ports:** Convenient charging for your mobile devices.

**Colour LCD screen:** Full-colour screen shows battery status, load levels, alerts, and estimated runtime at a glance.

**Dateline 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, including the battery, with advanced 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 Line Interactive UPS.

#### 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.



# Technical Specifications - PowerUPS 200 Essential Line Interactive Series

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, mm (in) W x D x H	120 x 255 x 180 (4.72 x 13.98 x 7.1)		145 x 400 x 195 (5.71 x 15.75 x 7.68)	
Unit weight, kg (lbs)	5.0 kg (11.0 lbs)	6.2 kg (13.7 lbs)	12.5 kg (27.6 lbs)	12.9 kg (28.4 lbs)
Shipping dimensions, mm (in) W x D x H	197 x 430 x 275 (7.8 x 16.9 x 10.8)		235 x 295 x 305 (9.3 x 19.5 x 12.0)	
Shipping weight, kg (lbs)	6.1kg (13.4 lbs)	7.3 kg (16.1 lbs)	14.0 kg (30.9 lbs)	14.4 kg (31.8 lbs)

## Input AC

Nominal voltage	220-240 VAC			
Voltage range	140-290 VAC			
Frequency range	50/60Hz +/- 5 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 +/- 5 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 +/- 5 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 (Half load) mins	9.0 min	9.0 min	12.0 min	9.4 min
Battery type	Sealed Valve Regulated Lead Acid (VRLA)			
Battery backup & surge protected outlets (IEC models)	4 (IEC C13)		6 (IEC C13)	
Battery backup & surge protected outlets (Schuko models)	4 (Schuko)		5 (Schuko)	

## Environmental requirements

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

# Technical Specifications - PowerUPS 200 Standard Line Interactive Series

IEC Models	PSA6-1000IT-IEC	PSA6-1600IT-IEC
Schuko Models	PSA6-1000IT-SCH	PSA6-1600IT-SCH
Capacity (VA / W)	1000 / 625	1600 / 1000
Unit Dimensions, mm (in) W x D x H	4.72 x 16.93 x 11.42 (120 x 430 x 290)	
Unit Weight, kg (lbs)	9.8 kg (21.6 lbs)	11.8 kg (26.01 lbs)
Shipping Dimensions, mm (in) W x D x H	8.46 x 20.07 x 14.57 (215 x 510 x 370)	
Shipping Weight, kg (lbs)	12.0 kg (26.5 lbs)	14.0 kg (30.9 lbs)
Input AC		
Nominal Voltage	220-240 VAC	
Voltage Range	140-290 VAC	
Frequency Range	50/60Hz +/- 5 Hz (auto-sensing)	
Protection	Resettable Circuit Breaker	
Surge Protection	Line-Neutral, Line-Ground, and Neutral-Ground	
Surge Energy Rating	600 Joules	
Input Cord	1.8m (6 ft.) removeable IEC C14	
Output AC (On Utility)		
Nominal Voltage	220-240 VAC	
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 (Half Load) mins	9.0 min	9.8 min
Battery Type	Sealed Valve Regulated Lead Acid (VRLA)	
Battery Backup & surge protected outlets		
IEC Models	6 (IEC C13)	6 (IEC C13)
Schuko Models	4 (Schuko)	6 (Schuko)
Surge only outlets		
IEC Models	0	2
Schuko Models	0	0
Environmental Requirements		
Operating temperature °C (°F)	0 - 40 (32 - 104)	
Operating elevation, m (ft)	0 - 3,000 m (0 - 10,000 ft)	
Relative humidity	0-95% non-condensing	
Storage temperature °C (°F)	-20 to 40 (-4 to 104)	
Storage elevation, m (ft)	0 - 3,000 m (0 - 10,000 ft)	
Audible Noise	<40 dBA @ 1m (3ft) from all sides	<45 dBA @ 1m (3ft) 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	

## Internal Replacement Battery Kits

Replacement Battery Kit	Compatible UPS Model
VBATKIT201	PSA6E-600IT-IEC ; PSA6E-600IT- SCH
VBATKIT202	PSA6-1000IT-IEC ; PSA6-1000IT-SCH
VBATKIT203	PSA6E-1000IT-IEC ; PSA6E-1000IT- SCH
VBATKIT204	PSA6E-1600IT-IEC ; PSA6E-1600IT- SCH ; PSA6-1600IT-IEC ; PSA6-1600IT-SCH
VBATKIT205	PSA6E-2200IT-IEC ; PSA6E-2200IT- SCH

