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

- 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

Vertiv 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	•	•
Data line Surge Protection	• *(except 600VA)*	•
Alarm Management	•	•
Power Assist	•	•

Vertiv™ PowerUPS 200 Essential Line Interactive Series highlights:

Battery capacity indicator
Mute button
Power button

USB comm Port
Network surge protection
Battery backup & surge protected outlets
Input circuit breaker
Input receptacle

USB comm port
Network surge protection
Battery backup & surge protected outlets
Input receptacle
Input circuit breaker

Pictured: PSA6E-2200-IEC

Pictured: PSA6E-2200-SCH

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:

Mute button
Colour LCD screen
Power button
USB comm port
Network surge protection
USB comm port
Network surge protection
Battery backup & surge protected outlets
Battery backup & surge protected outlets
Input receptacle
Input receptacle
Input circuit breaker
Input circuit breaker
USB Type A / Type B port

Pictured: PSA6-1600IT-SCH

Pictured: PSA6-1600IT-IEC

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.

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.

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 - Vertiv™ 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, in (mm) 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, lbs (kg)	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, in (mm) 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, lbs (kg)	6.1 kg (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 (full load / 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)	

Enviornmental 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 -
Vertiv™ PowerUPS 200 Standard Line Interactive Series

	PSA6-1000IT-IEC	PSA6-1600IT-IEC
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 (Full Load / 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
Enviornmental 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 Battery Replacement 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

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