



Product brochure

Vertiv™ PowerUPS 200 Line Interactive Series

600VA to 1500VA, 120V

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 power protection in a modern, space-saving design, providing essential battery backup and surge protection for your electronics

What's in the box :

- Vertiv™ PowerUPS 200 UPS
- Quick Installation Guide
- Safety Instructions
- USB Cable, Type A to B

Applications:

- Personal Computers
- Workstations
- Gaming Consoles
- Kiosks
- DGX Spark and equivalent AI PCs
- Smart home devices
- Surveillance systems
- Wireless Networks
- Retail Point-of-Sale (POS) equipment

Vertiv PowerUPS 200 Line Interactive Series Tier Comparison



Feature	Essential (600VA to 1500VA)	Standard (850VA to 1500VA)	Premium (1500VA)
Runtime Indicator	LED	Color LCD Screen	Rotatable Color LCD Screen
Number of Outlets	4 to 8	8 to 10	10
Runtime (Entry level PC, 20" LCD screen and network gateway)	Up to 90 mins	Up to 135 mins	Up to 158 mins
Output Waveform	Stepped Sinewave	Stepped Sinewave	Pure Sinewave
USB Ports	USB A and C	USB A and C	USB A and C
Warranty	3 years	3 years	3 years
User Replaceable Batteries	•	•	•
Dataline Surge Protection*	•	•	•
Alarm Management	•	•	•
Power Assist	•	•	•

*Excluding PSA6E-600LVT



Vertiv™ PowerUPS 200 Essential Line Interactive Series highlights:



Pictured: PSA6E-1500LVT

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 up to 6 battery backup and surge protected outlets and up to 2 surge only 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.

Wide range of capacity options: Choose from 600VA, 800VA, 1000VA, or 1500VA models to match the power capacity and runtime requirements of your connected devices.

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.

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 10 outlets: Available with up to 7 battery backup and surge protected outlets and up to 3 surge only 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.

Color LCD screen: Full-color 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.

Wide range of capacity options: Choose from 850VA, 1000VA, 1350VA or 1500VA models to match the power capacity and runtime requirements of your connected devices.

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.

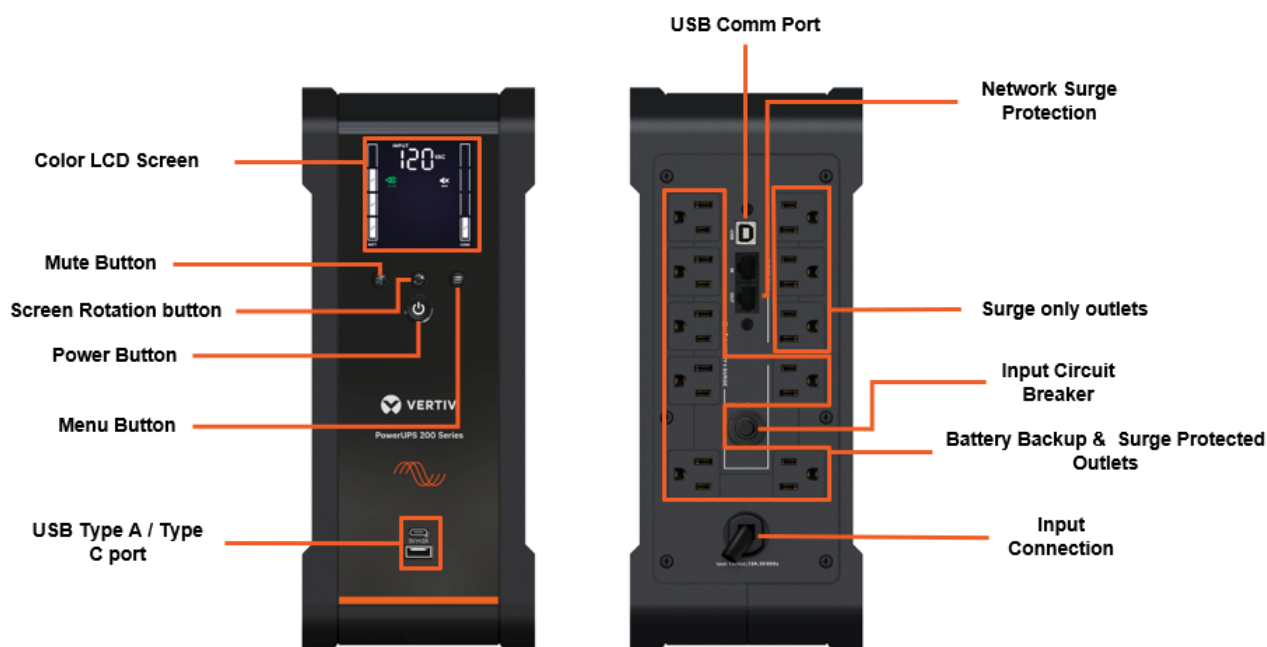
Equipment protection plan (EPP): The Equipment Protection Plan offers reimbursement or replacement for any devices damaged by power surges while connected to your Vertiv™ PowerUPS 200 Line Interactive UPS.

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.



Vertiv™ PowerUPS 200 Premium Line Interactive Series highlights:



PSA6S-1500LVT

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 10 outlets: Available with 7 battery backup and surge protected outlets and 3 surge only outlets for all your critical devices.

Pure Sinewave Output: Ensure superior performance and protection for today's high-end electronics, workstations, and gaming systems with clean, reliable power delivery.

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.

Rotatable Color LCD screen: Easily mount horizontally or vertically and gain at-a-glance insights on runtime, load, and system status with an intuitive color LCD display.

Alarm management: A dedicated mute button allows you to quickly silence alarms.

Dataline surge protection: Protects your equipment from power surges traveling through network cables.

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

System Specifications

Model Number	PSA6E-600LVT	PSA6E-800LVT	PSA6E-1000LVT	PSA6E-1500LVT
Capacity (VA / W)	600 / 360	800 / 450	1000 / 550	1440 / 850
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)	13.0 lbs (5.9 kg)	14.8 lbs (6.7 kg)	16.3 lbs (7.4 kg)	21.2 lbs (9.6 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)	15.2 lbs (6.9 kg)	17.2 lbs (7.8 kg)	18.7 lbs (8.5 kg)	24.5 lbs (11.1 kg)

Input AC

Nominal voltage	110-120 VAC
Voltage range	81-147 VAC
Frequency range	50/60Hz +/- 1 Hz (auto-sensing)
Protection	Resettable Circuit Breaker
Surge Protection	Line-Neutral, Line-Ground, and Neutral-Ground
Surge Energy Rating	400 Joules
Input Cord	6 ft. Hardwired cable with NEMA 5-15P

Output AC (On utility)

Nominal voltage	110-120 VAC
Voltage range	95-132 VAC
Frequency range	50/60Hz +/- 1 Hz (auto-sensing)
Efficiency	Up to 98% @100% R Load

Output AC (On battery)

Nominal voltage	110-120 VAC			
Voltage range	Nominal +/- 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 mins	8.5 mins	8 mins	5 mins
Battery type	Sealed Valve Regulated Lead Acid (VRLA)			
Battery Backed + Surge Protected Outlets	4 (NEMA 5-15R)		6 (NEMA 5-15R)	
Surge Only Outlets	-		-	2 (NEMA 5-15R)

Environmental requirements

Operating Temperature °F (°C)	32 - 104 (0 to 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	<40dBA @ 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

Protection Plan

Equipment Protection Plan	\$300,000
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Technical Specifications -

Vertiv™ PowerUPS 200 Standard Line Interactive Series

System Specifications

Model Number	PSA6-850LVT	PSA6-1000LVT	PSA6-1350LVT	PSA6-1500LVT
Capacity (VA / W)	850 / 530	1000 / 625	1350 / 850	1440 / 935
Unit dimensions, in (mm) W x D x H	4.72 x 11.42 x 11.34 (120 x 288 x 290)		4.72 x 16.93 x 11.42 (120 x 430 x 290)	
Unit weight, lbs (kg)	17.2 lbs (7.8 kg)	18.7 lbs (8.5 kg)	25.8 lbs (11.7 kg)	26.5 lbs (12.0 kg)
Shipping dimensions, in (mm) W x D x H	14.3 x 15.2 x 9.0 (363 x 386 x 228)		15.2 x 20.7 x 9.0 (386 x 525 x 228)	
Shipping weight, lbs (kg)	20.3 lbs (9.2 kg)	21.6 lbs (9.8 kg)	30.5 lbs (13.8 kg)	30.9 lbs (14.0 kg)

Input AC

Nominal voltage	110-120 VAC
Voltage range	81-147 VAC
Frequency range	50/60Hz +/- 1 Hz (auto-sensing)
Protection	Resettable Circuit Breaker
Surge Protection	Line-Neutral, Line-Ground, and Neutral-Ground
Surge Energy Rating	1200 Joules
Input Cord	6 ft. Hardwired cable with NEMA 5-15P

Output AC (On utility)

Nominal voltage	110-120 VAC
Voltage range	95-133 VAC
Frequency range	50/60Hz +/- 1 Hz (auto-sensing)
Efficiency	Up to 98% @100% Load

Output AC (On battery)

Nominal voltage	120 VAC			
Voltage range	Nominal +/- 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	8 min.	6 min.	12 min.	10 min
Battery type	Sealed Valve Regulated Lead Acid (VRLA)			
Battery Backed + Surge Protected Outlets	6 (NEMA 5-15R)		7 (NEMA 5-15R)	
Surge Only Outlets	2 (NEMA 5-15R)		3 (NEMA 5-15R)	

Environmental requirements

Operating Temperature °F (°C)	32 - 104 (0 to 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	<40dBA @ 3 ft (1m) from all sides

Agency

Safety	NOM, cTUVus Listed (UL 1778, 5th Edition; CSA 2.2 No.1073:2014)
RFI / EMI	FCC Part 15, Class B
Surge immunity	ANSI 62.41, Category B1 (2KV)
Environmental	Energy Star 2.0, DOE, TSCA
Transportation	ISTA Procedure 3A

Protection Plan

Equipment Protection Plan	\$300,000
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Technical Specifications -

Vertiv™ PowerUPS 200 Premium Line Interactive Series

System Specifications

Model Number	PSA6S-1500LVT
Capacity (VA / W)	1440 / 915
Unit dimensions, in (mm) W x D x H	4.72 x 16.93 x 11.42 (120 x 430 x 290)
Unit weight, lbs (kg)	26.5 lbs (12.4 kg)
Shipping dimensions, in (mm) W x D x H	15.2 x 20.7 x 9.0 (386 x 525 x 228)
Shipping weight, lbs (kg)	31.7 lbs (14.4 kg)

Input AC

Nominal voltage	110-120 VAC
Voltage range	81-147 VAC
Frequency range	50/60Hz +/- 1 Hz (auto-sensing)
Protection	Resettable Circuit Breaker
Surge Protection	Line-Neutral, Line-Ground, and Neutral-Ground
Surge Energy Rating	1200 Joules
Input Cord	6 ft. Hardwired cable with NEMA 5-15P

Output AC (On utility)

Nominal voltage	110-120 VAC
Voltage range	95-132 VAC
Frequency range	50/60Hz +/- 1 Hz (auto-sensing)
Efficiency	Up to 98% @100% Load

Output AC (On battery)

Nominal voltage	110-120 VAC
Voltage range	Nominal +/- 10% VAC
Frequency range	50/60Hz +/- 1 Hz (auto-sensing)
Waveform	Pure Sinewave
Transfer time	8 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	10.5 mins
Battery type	Sealed Valve Regulated Lead Acid (VRLA)
Battery Backed + Surge Protected Outlets	7 (NEMA 5-15R)
Surge Only Outlets	3 (NEMA 5-15R)

Environmental requirements

Operating Temperature °F (°C)	32 - 104 (0 to 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	<40dBA @ 3 ft (1m) from all sides

Agency

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RFI / EMI	FCC Part 15, Class B
Surge immunity	ANSI 62.41, Category B1 (2KV)
Environmental	Energy Star 2.0, DOE, TSCA
Transportation	ISTA Procedure 3A

Protection Plan

Equipment Protection Plan	\$300,000
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Internal Battery Replacement Kits

Replacement Battery Kit	Compatible UPS Model
VBATKIT201	PSA6E-600LVT
VBATKIT202	PSA6E-1500LVT
VBATKIT203	PSA6E-800LVT ; PSA6E-1000LVT ; PSA6-850LVT ; PSA6-1000LVT
VBATKIT204	PSA6-1350LVT ; PSA6-1500LVT ; PSA6S-1500LVT

