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 hassle-free advanced replacement warranty.

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.

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.

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)	

Enviornmental 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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