

## Vertiv<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> 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



# 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.



## Technical specifications

#### **System specifications**

### PARE - 1000T - 1EC	System specifications				
PASE - FOOT - SCH	Model number				
Capacity (VA / W)	EC models	PSA6E-600IT-IEC	PSA6E-1000IT-IEC	PSA6E-1600IT-IEC	PSA6E-2200IT-IEC
### A 17 to 18 to 18 to 19 to	Schuko models	PSA6E-600IT-SCH	PSA6E-1000IT-SCH	PSA6E-1600IT-SCH	PSA6E-2200IT-SCH
10 lbs (50 kg)	Capacity (VA / W)	600 / 315	1000 / 525	1600 / 925	2200 / 1225
Table   Tabl	Jnit 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 (14			(145 x 400 x 195 )
Table   Tabl	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)			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)			
Total and voltage 120.260 VAC 140.290 VAC	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)			
140-290 VAC   150-290 VAC	nput AC				
Paragraph   Solich   Paragraph   Solich   Paragraph   Solich   Paragraph	Nominal voltage	220-240 VAC			
Protection   Resettable Circuit Breaker   Surge energy rating   475 Joules (Line-Neutral Line-Ground, and Neutral-Ground)   EC 60320 C20	/oltage range	140-290 VAC			
ATF Joules (Line-Neutral, Line-Ground, and Neutral-Ground)   IEC 60320 C20	requency range	50/60Hz +/-1Hz (auto-sensing)			
	rotection	Resettable Circuit Breaker			
Schuko CEE 77P   Schuko Dutput AC (On utility)   Schuko CEE 77P   Schuko Dutput AC (On utility)   Schuko Cee 77P   Schuko Dutput AC (On utility)   Schuko Dutput AC (On battery)   Schuk	Surge energy rating	475 Joules (Line-Neutral, Line-Ground, and Neutral-Ground)			
Dutput AC (On utility)	nput connection (IEC models)	IEC 60320 C13 IEC 60320 C20			
Seminal voltage   220-240VAC   195-255 VAC	nput connection (Schuko models)		Schuko C	CEE 7/7P	
Total part of the	Output AC (On utility)				
Sole		220-240VAC			
### A Comparison of Compariso	oltage range	195-255 VAC			
Dutput AC (On battery)  Iteratinal voltage  (oltage range 230 VAC  (oltage range 50/60Hz +/- 1hz (auto-sensing)  Vaveform Simulated Sinewave  Vareform Simulated Sinewave  Vareform 10% for 5 seconds, 120% immediate shutdown  Verelad capacity 110% for 5 seconds, 120% immediate shutdown  Verelad capacity 110% for 5 seconds, 120% immediate shutdown  Verelad capacity 110% for 5 seconds, 120% immediate shutdown  Verelad capacity 110% for 5 seconds, 120% immediate shutdown  Verelad capacity 110% for 5 seconds, 120% immediate shutdown  Verelad capacity 20% immediate shutdown  Verlad Capacity 20% immediate shutdown  Ver	requency range	50/60Hz +/-1Hz (auto-sensing)			
Conting   Con	fficiency	Up to 95% @100% Load			
Continual voltage   230 VAC     Coltage range   230 +/- 10 VAC     Frequency range   50/60 hz +/- 1 Hz (auto-sensing)     Vaveform   Simulated Sinewave     Fransfer time   2-6 ms, typical (10 ms max)     Fransfer time   2-6 ms, typical (10 ms max)     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 5 seconds, 120% immediate shutdown     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min   2 min / 10 min   2 min / 9 min     Fransfer time   110% for 6 min   2 min / 10 min	Output AC (On battery)				
	Nominal voltage		230	VAC	
Vaveform Simulated Sinewave  Transfer time 2-6 ms, typical (10 ms max)  Verload capacity 110% for 5 seconds, 120% immediate shutdown  Protection Electronic (over current, short circuit, over charge)  Variety type Sealed Valve Regulated Lead Acid (VRLA)  Valuetry type Sealed Valve Regulated Lead Acid (VRLA)  Valuetry backup & surge protected outlets  Value (IEC) 6 (IEC)  Valuetry backup & surge protected outlets  Value (IEC) 6 (IEC)  Value (IEC) 6 (IEC)  Value (IEC) 6 (IEC)  Value (IEC) 7 (IEC)  Value (IEC) 8 (IEC)  Value (IEC) 8 (IEC)  Value (IEC) 9	/oltage range	230 +/- 10 VAC			
Simulated Sinewave   Simulat		50/60Hz +/-1Hz (auto-sensing)			
Averload capacity  Invertoad Country of Country  Invertoad Capacity  Invertoad Country  Invertoad Coun		•			
Averload capacity  rotection  Electronic (over current, short circuit, over charge)  sackup time (full load / half load) mins  statery type  Sealed Valve Regulated Lead Acid (VRLA)  sattery backup & surge protected outlets  section (Section of Sealed Valve Regulated Lead Acid (VRLA)  sattery backup & surge protected outlets  section outlets  Sealed Valve Regulated Lead Acid (VRLA)  sattery backup & surge protected outlets  Section outlets  Sect	ransfer time	2-6 ms, typical (10 ms max)			
Freetein Electronic (over current, short circuit, over charge)  Jackup time (full load / half load) mins  J min / 8 min  Sealed Valve Regulated Lead Acid (VRLA)  Jackup & Surge protected outlets  Jackup & Surge protected outlets  Jackup & Surge protected outlets  Jackup & Sealed Valve Regulated Lead Acid (VRLA)  Jackup & Sealed Valve	Overload capacity				
Ackup time (full load / half load) mins  1 min / 8 min  0.5 min / 6 min  2 min / 10 min  2 min / 9 min  1 min / 8 min  0.5 min / 6 min  2 min / 10 min  2 min / 9 min  4 (IEC)  6 (IEC)  5 (Schuko)  6 (IEC)  6 (I	Protection				
Sealed Valve Regulated Lead Acid (VRLA)  Lattery backup & surge protected outlets LEC models)  Lattery backup & surge protected outlets Schuko models)  Lettery backup & surge protected outlets Schuko models)  Lettery backup & surge protected outlets Schuko models)  Lettery backup & surge protected outlets Schuko)  Lettery backup & surge protect		1 min / 8 min			2 min / 9 min
A (IEC)  A (					
Schuko models   Schuko   Sch	Battery backup & surge protected outlets	4 (IEC)			
Operating temperature °F (°C)         32 - 104 (0 - 40)           Operating elevation, feet (meter)         0 - 10,000 feet (0 - 3,000)           Stelative 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	Battery backup & surge protected outlets (Schuko models)	4 (Schuko) 5 (Schuko)			
Operating temperature °F (°C)         32 - 104 (0 - 40)           Operating elevation, feet (meter)         0 - 10,000 feet (0 - 3,000)           Stelative 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	Enviornmental requirements				
telative humidity  Cross to 104 (-20 to 40)  Cross elevation, ft (m)  Audible noise  Agency  CB, CE, EN/IEC 62040-1, UKCA, RCM, EAC	Pperating temperature °F (°C)	32 - 104 (0 - 40)			
storage temperature °F (°C)     -4 to 104 (-20 to 40)       storage elevation, ft (m)     0 - 10,000 feet (0 - 3,000)       sudible noise     <45dBA @ 3 ft (1m) from all sides	perating elevation, feet (meter)	0 - 10,000 feet (0 - 3,000)			
torage elevation, ft (m)  0 - 10,000 feet (0 - 3,000)  udible noise  45dBA @ 3 ft (1m) from all sides  Agency  afety  CB, CE, EN/IEC 62040-1, UKCA, RCM, EAC	elative humidity	0-95% non-condensing			
Agency  CB, CE, EN/IEC 62040-1, UKCA, RCM, EAC	torage temperature °F (°C)	-4 to 104 (-20 to 40)			
Agency  CB, CE, EN/IEC 62040-1, UKCA, RCM, EAC	itorage elevation, ft (m)	0 - 10,000 feet (0 - 3,000)			
CB, CE, EN/IEC 62040-1, UKCA, RCM, EAC	Audible noise	<45dBA @ 3 ft (1m) from all sides			
·	Agency				
	Safety	CB, CE, EN/IEC 62040-1, UKCA, RCM, EAC			
	RFI / EMI				

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IEC 61000-4-5

ROHS, REACH, WEEE

ISTA Procedure 3A

Surge immunity

Environmental

Transportation