

## Benefits

- **Surge Protection & Battery Backup:** Available in 500VA, 700VA, 1000VA, or 1500VA; 120VAC
- **10 Total Outlets & USB:** 5 surge only & 5 battery & surge outlets with built in USB device charging port
- **Excellent Warranty:** 3-year full unit coverage including the battery with no-hassle, advanced replacement warranty
- **LCD Display:** User friendly LCD display screen on front of unit for easily monitoring estimated run time, load capacity, battery status, and input/output voltage and frequency
- **Consistent Power:** Uses line-interactive, AVR technology (Automatic Voltage Regulation), which ensures consistent and clean power at all times
- **Energy Star:** A government-backed symbol that is awarded to energy efficiency products that meet eco-friendly requirements

### Liebert PSA5 is perfect for protecting:

- Desktop Computers
- Gaming Consoles
- Workstations and Monitors
- Wi-Fi Routers
- Surveillance Systems
- A/V equipment
- POS Terminals
- Other Important Electronics



*Designed with easy controls for user friendly operation, the Vertiv™ Liebert® PSA5 UPS and battery backup provides ample run time to save work in progress and shutdown your equipment in an orderly fashion.*

### Keep Your Electronics Safe & Running with Vertiv Liebert PSA5 UPS

Power surges and the sudden loss of power can damage computers, televisions, and other electronics. Power strips are only equipped with handling protection from power surges. It does not protect against brownouts, blackouts or drops in voltage. If you want the ultimate protection of household or business electronics, you need the Liebert PSA5 UPS to protect against power supply interruptions.

The Energy Star certified PSA5 is an economical, line-interactive UPS battery backup technology designed with the features you need for reliable power protection for small office/home office computers, network gear, and home entertainment equipment. With built in USB port, included USB cable and with available software you can receive remote alerts and complete an unattended orderly shutdown of your systems. This Liebert battery backup is easy to set up and perfect for televisions, computers, modems/routers, home surveillance, entertainment equipment, and all other electronics.

### Vertiv Power Assist

Vertiv™ Power Assist is free software used to perform a controlled shutdown of an IT device when the UPS battery backup experiences a threatening condition. The UPS is directly connected to IT equipment via a USB cable, enabling the software to notify users of an event, display key metrics, and log historical data. It is easy to install and protects computers from damage and data loss during a power event.



## System Specifications

Model Number	PSA5-500MT120	PSA5-700MT120	PSA5-1000MT120	PSA5-1500MT120
Capacity (VA / W)	500 / 300	700 / 420	1000 / 600	1500 / 900
Unit Dimensions, in (mm) W x D x H	3.9 x 11.4 x 11 (99 x 289 x 280)	3.9 x 11.4 x 11 (99 x 289 x 280)	3.9 x 11.4 x 11 (99 x 289 x 280)	3.9 x 16.2 x 11 (99 x 412 x 280)
Unit Weight, lbs (kg)	13.4 (6.1)	15.7 (7.1)	17.9 (8.1)	26.5 (12.0)
Shipping Dimensions, in (mm) W x D x H	6.2 x 14.2 x 14.5 (158 x 360 x 369)	6.2 x 14.2 x 14.5 (158 x 360 x 369)	6.2 x 14.2 x 14.5 (158 x 360 x 369)	7.3 x 19.5 x 14.5 (186 x 495 x 369)
Shipping Weight, lbs (kg)	14.6 (6.6)	16.8 (7.6)	19.0 (8.6)	28.0 (12.7)

## Input AC

Nominal Voltage	120 VAC
Voltage Range	86-143 VAC
Frequency Range	50 or 60 Hz, +/- 5Hz, autosensing
Protection	Resettable Circuit Breaker
Surge Energy Rating	316 Joules
Input Cord	6 ft. attached with NEMA 5-15P

## Output AC (On Utility)

Nominal Voltage	120 VAC
Voltage Range	105-143 VAC
Frequency Range	60 Hz, +/- 5Hz, autosensing
Efficiency	>90% at full load

## Output AC (On Battery)

Nominal Voltage	120 VAC
Voltage Range	Nominal +/- 6%
Frequency Range	60 Hz, +/- 0.5Hz
Waveform	PWM Simulated Sine Wave
Transfer Time	6 ms, typical
Overload Capacity	100-119% Continuous, 120% for 60 seconds, 150% immediate shutdown
Protection	Electronic (over current, short circuit w/ latching shutdown)
Backup Time (Full Load/Half Load) mins	2 / 8      2 / 8      2 / 7      3 / 11
Battery Type	Sealed Valve Regulated Lead Acid (VRLA)
Battery Backed Outlets	(5) NEMA 5-15R
Surge Only Outlets	(5) NEMA 5-15R

## Environmental Requirements

Operating Temperature, °F (°C)	32-104 (0-40)
Operating Elevation, feet (meter)	0-4,921 (0-1,500)
Operating Temperature, °F (°C)	32-95 (0-35)
Operating Elevation, ft (m)	4,922-9,842 (1,500.5-3,000)
Relative Humidity	0-95% non-condensing
Storage Temperature, °F (°C)	5 to 113 (-15 to 45)
Storage Elevation, ft (m)	0-49,212 (0-15,000)
Audible Noise	<40 dBA @ 3 ft (1m) from all sides

## Agency

Safety	cTUVus (UL 1778 5th Edition)    CSA 22.2 no. 107.3:2014
RFI / EMI	FCC Part 15, Class B
Surge Immunity	EN61000-4-5; Line to Neutral: Level 2; Line to Earth: Level 3
Transportation	ISTA Procedure 1A

## Protection Plan

Equipment Protection Plan	\$300,000
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