

# Liebert® PSA

Performance Power Protection For PC's And Office Equipment



## The Liebert® PSA is a compact line-interactive UPS that offers cost-effective, full featured power protection for small office computers and electronic equipment

Liebert® PSA offers unique features and extraordinary performance.



### Liebert® PSA UPS supports your sensitive electronics with these standard features:

#### Flexibility:

- Available in four sizes, including 500,650, 1000 and 1500VA; 120VAC or 230VAC
- Three to six battery-backed UPS outlets, depending on model size
- One to two surge-only outlets, differentiated by color
- USB communications/shutdown software and cable included
- User replaceable batteries.
- Built-in Boost and Buck AVR

Designed with simple controls for easy operation, the Liebert® PSA provides up to five minutes of back-up time at full load... more than enough time to save work in process and shut down your system.

Shutdown software and a USB cable are also included, to allow remote alerts and automated graceful shutdown of the connected systems.

#### Reliability:

- Up to five minutes of battery backup time at full load
- Full sequenced battery testing to ensure batteries are available when needed
- Advance early warning of UPS shutdown
- Lightning and surge protection (TVSS)
- RJ-45 port for data line surge protection.

#### Low total cost of ownership:

- Two-Year warranty standard.

#### The Liebert® PSA is ideally suited for:

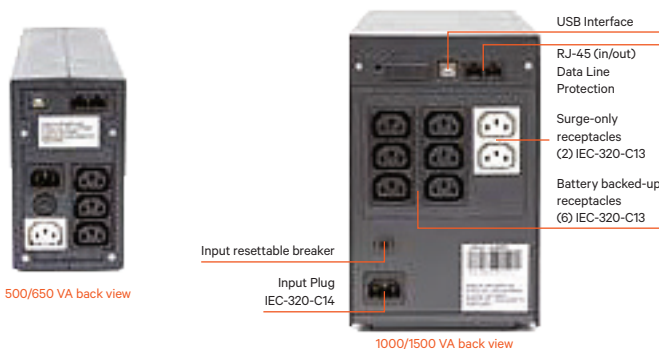
- Professional Desktop PC's
- Professional Workstations
- Small Routers, Bridges and Hubs
- Point-of-Sale Terminals
- Other Sensitive Electronics.



## Technical Specifications

Model Number	PSA500MT3-230U	PSA650MT3-230U	PSA1000MT3-230U	PSA1500MT3-230U
Capacity VA/W	500/300	650/390	1000/600	1500/900
Net Weight: kg	6	6.5	10.3	12
Shipping Weight: kg	7	7.5	12.3	14
Dimensions: W × D × H, mm	95 × 356 × 171		147 × 360 × 234	
On-Line Mains Voltage	160–287VAC			
On-Line Frequency	50/60Hz ±5Hz			
Boost Mode Voltage	Input Voltage × 115%			
Buck Mode Voltage	Input Voltage / 115%			
Output Voltage (Mains Normal)	Typical 185–252VAC			
Output Voltage (Battery Operation)	230VAC ±5%			
On-Battery Wave Form	Stepped Sinewave			
Battery Type - VDC × Ah - Quantity	12V × 7.2Ah × 1		12V × 7.2Ah × 2	12V × 9Ah × 2
Typical Recharge Time	6–8 hours to 90%			
Battery Run Time* (Full load)	3–5 minutes			
Battery Run Time* (Half load)	10–13 minutes			
Audible and Visual	Audible alarm / LED			
Backup Sockets	IEC 320 C13 (3)		IEC 320 C13 (6)	
Surge Sockets	IEC 320 C13 (1)		IEC 320 C13 (2)	
Operating Temperature, °C	0 to 40			
Storage Temperature, °C	-15 to 40			
Operating / Storage Relative Humidity	0%–90%, non-condensing			
<b>EMI Classification</b>	<b>Class B</b>			
<b>Agency</b>				
Safety	IEC62040-1-1			
Transportation	ISTA Procedure 1A Certification			
Warranty	2 years standard (+ 1 year warranty extension available)			
Packaging	User Manual on CD, Software CD, USB cable, Safety Instruction Sheet, Environment protection sheet, (2) IEC output cables for 500/650VA, (3) IEC output cables for 1000/1500 VA			

\*Battery run time may vary depending on load



### Communications/Shutdown Software:

Windows (98 and later) built-in power management functions provide monitoring of UPS status and manage the automatic orderly shutdown of the computer if a power outage ever exceeds the battery capacity of the UPS. Liebert USB shutdown and monitoring software is provided.

### Tech Support

Always On! Our Commitment to your daily Business, provided by multi language Tech Support.

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### Vertiv.com

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