



**PDS** PDS Design Solutions Ltd

■ AC Power  
For *Business-Critical Continuity™*

## Liebert® PSA™ Line-Interactive UPS

Performance Power Protection For PC's And Office Equipment

The Liebert PSA is an economical line-interactive UPS that offers full-featured power protection for small office computers and electronic equipment. Liebert PSA offers unique features and extraordinary performance not normally found in similar products in this price range.

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



### 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

### 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

#### 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
- Site wiring fault indicator

#### Lowest Total Cost Of Ownership:

- Two-Year replacement warranty

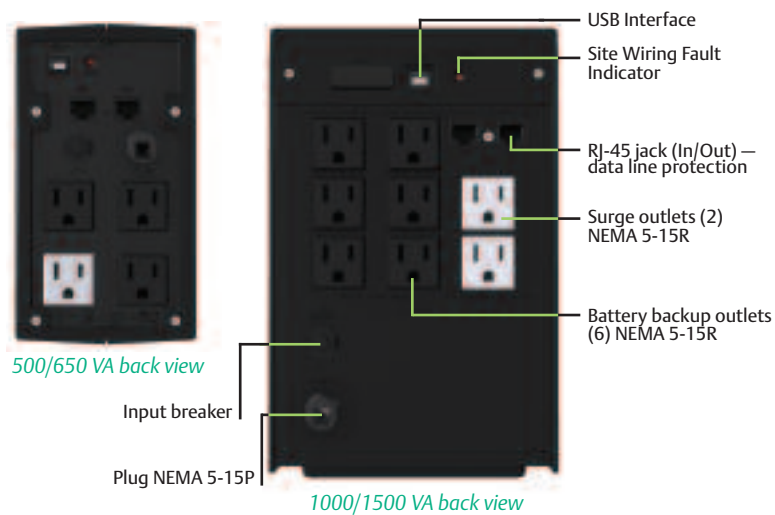
[www.whatpowersupply.com](http://www.whatpowersupply.com)

  
**EMERSON**  
Network Power

## Liebert® PSA Specifications

Model Number	PSA500MT3-120U	PSA650MT3-120U	PSA1000MT3-120U	PSA1500MT3-120U
Capacity VA/W	500 / 300	650 / 390	1000 / 600	1500 / 900
Net Weight: lbs (kg)	14.1 (6.4)	14.6 (6.6)	23.8 (10.8)	27.8 (12.6)
Shipping Weight: lbs (kg)	15.9 (7.2)	16.3 (7.4)	26.0 (11.8)	30.0 (13.6)
Dimensions: W x D x H, in. (mm)	3.7 x 14 x 6.7 (95 x 356 x 171)	3.7 x 14 x 6.7 (95 x 356 x 171)	5.8 x 14.2 x 9.2 (147 x 360 x 234)	5.8 x 14.2 x 9.2 (147 x 360 x 234)
On-Line Input Voltage	84-140VAC			
On-Line Frequency	50/60Hz ±5Hz			
Output Voltage (Utility Power Normal)	Typical 97-129VAC			
Output Voltage (Battery Operation)	120VAC ±5%			
On-Battery Wave Form	Stepped Sinewave			
Typical Recharge Time	6-8 hours to 90%			
Battery Run Time*				
- Full Load	3-5 minutes	3-5 minutes	6 minutes	6 minutes
- Half Load	10 minutes	10 minutes	12-13 minutes	12-13 minutes
Audible and Visual	Audible alarm / LED			
Backup Outlets	NEMA 5-15R (3)	NEMA 5-15R (3)	NEMA 5-15R (6)	NEMA 5-15R (6)
Surge Outlets	NEMA 5-15R (1)	NEMA 5-15R (1)	NEMA 5-15R (2)	NEMA 5-15R (2)
Operating Temperature, °F (°C)	32 to 104 (0 to 40)			
Storage Temperature, °F (°C)	5 to 104 (-15 to 40)			
Operating / Storage Relative Humidity	0%-90%, non-condensing			
EMI Classification	FCC Part 15 Class B			
<b>Agency</b>				
Safety	UL 1778 c-UL Listed			
Transportation	ISTA Procedure 1A Certification			

\*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.

PDS Design Solutions Ltd  
Greenway Business Centre  
Harlow Business Park  
Harlow  
Essex, UK  
CM19 5QE

tel: 01279 406960  
fax: 01279 406961  
email: sales@whatpowersupply.com  
web: www.whatpowersupply.com

While every precaution has been taken to ensure accuracy and completeness in this literature, Liebert Corporation assumes no responsibility, and disclaims all liability for damages resulting from use of this information or for any errors or omissions.

© 2008 Liebert Corporation. All rights reserved throughout the world. Specifications subject to change without notice.

All names referred to are trademarks or registered trademarks of their respective owners.

© Liebert is a registered trademark of the Liebert Corporation.

SL-23305 (R12/08) Printed in USA

**Emerson Network Power.**  
The global leader in enabling  
*Business-Critical Continuity™*.

- AC Power
- Connectivity
- DC Power
- Embedded Computing
- Embedded Power
- Monitoring
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- Racks & Integrated Cabinets
- Services
- Surge Protection

**Emerson Network Power.com**

*Business-Critical Continuity*, Emerson Network Power and the Emerson Network Power logo are trademarks and service marks of Emerson Electric Co. ©2008 Emerson Electric Co.