

## Liebert PowerSure® PSA

*A Line Interactive UPS that Delivers Cost-Effective Power Protection for Electronic Equipment*

The Liebert PowerSure PSA is a line interactive UPS with automatic voltage regulation (AVR) that offers full-featured power protection for sensitive electronic equipment. PowerSure PSA offers unique features and extraordinary performance not normally found in similar products.

The PSA is a unique solution offering USB, serial or contact closure communications from the same unit. Designed with simple controls for easy operation, the PowerSure PSA provides over five minutes of back-up time at full load...more than enough time to save work in process and shut down your system. A MultiLink™ automated shutdown software CD, serial communications cable and USB cable are also included.

### The Liebert PowerSure® PSA Is Ideally Suited For:

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



### The PowerSure PSA Offers A Variety Of Other Standard Features:

#### Reliability:

- Greater Than 5 Minutes of Battery Backup Time at Full Load
- Full Sequenced Battery Testing
- Advance Early Warning of UPS Shutdown
- User Replaceable Hot Swappable Batteries
- Double Boost/Single Buck Technology
- Lightning and Surge Protection (TVSS)
- Data Line Surge Protection for Telephone/Fax/DSL/Modem

#### Flexibility:

- Four to Six Battery-Backed UPS Outlets with Spacing to Accept Transformer Blocks
- Two Surge-Only Outlets
- USB, Serial and Contact Closure Communications
- Configurable Input Power Selector Offers Wider Input Voltage Window (110, 120, 127)
- USB, Microsoft Windows (XP and 2000) and Mac (OS X version 10.2 or later) Certified

#### Low Total Cost Of Ownership:

- Two-Year Warranty





## PowerSure® PSA Specifications

Model Number	PSA350MT-120	PSA500MT-120	PSA650MT-120	PSA1000MT-120
<b>POWER RATING VA/W</b>	350VA / 210 W	500 VA/ 300 W	650VA / 390 W	1000 / 600
<b>DIMENSIONS:</b> in. (mm)				
Unit	4.6 x 7.7 x 8.7	4.6 x 7.7 x 8.7	4.6 x 14.1 x 8.7	4.6 x 14.1 x 8.7
W x D x H	(116x196x222)	(116x196x222)	(116x358x222)	(116x358x222)
<b>WEIGHT:</b> lbs (kg)				
Unit	16.8 (7.6)	17.2 (7.8)	20.7 (9.4)	29.7 (13.5)
<b>INPUT AC PARAMETERS</b>				
Surge Protection	570 J			
Voltage Range Without Battery Operation	78 VAC - 150 VAC, DIP switch selectable			
Input Power Cord	6 ft. (1.8m) attached, w/NEMA 5-15 P			
<b>OUTPUT AC PARAMETERS</b>				
Output Receptacles	(4) NEMA 5-15R (orange) Battery backup + surge protection (2) NEMA 5-15R (black) Surge protection	(4) NEMA 5-15R (orange) Battery backup + surge protection (2) NEMA 5-15R (black) Surge protection	(4) NEMA 5-15R (orange) Battery backup + surge protection (2) NEMA 5-15R (black) Surge protection	(6) NEMA 5-15R (orange) Battery backup + surge protection (2) NEMA 5-15R (black) Surge protection
Voltage (Battery mode)	120VAC ±8%			
Waveform (Battery mode)	Stepped Sinewave			
Frequency	50 Hz or 60 Hz; auto sensing			

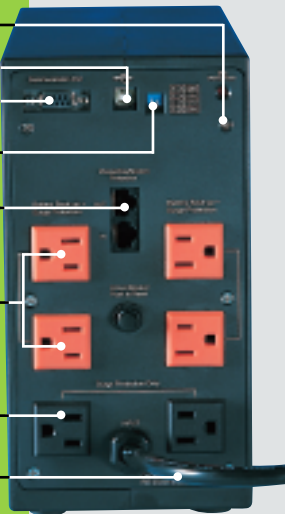
## PowerSure® PSA Runtime Table

Typical Battery Backup Time	350VA	500VA	650VA	1000VA
Pentium II w/15" Monitor	33min	45 min	45 min	69 min
Pentium II w/17" Monitor	20 min	28 min	28 min	49 min
Pentium II w/21" Monitor	19 min	26 min	26 min	47 min
Pentium III w/15" Monitor	15 min	23 min	23 min	39 min
Pentium III w/17" Monitor	14 min	19 min	19 min	37 min
Pentium III w/21" Monitor	9 min	17 min	17 min	26 min
Pentium 4 w/15" Monitor	10 min	18 min	18 min	27 min
Pentium 4 w/17" Monitor	8 min	15 min	15 min	25 min
Pentium 4 w/21" Monitor	-	12 min	12 min	24 min

User replaceable batteries ensure long product life.

The PSA receptacles are spaced to accommodate transformer blocks.



- Site Wiring Fault Indicator
- USB Port
- DB-9 Port (serial/contact closure)
- Voltage Selector Switches
- Data-Line Protection (Phone/Fax/Modem/DSL/Internet)
- Orange Output Receptacles offer Battery Backup and Surge Protection
- Black Output Receptacles offer Surge Protection
- 6 ft. Power Cord for easy access

650 VA Model Shown

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