Liebert[®] PSA

Performance Power Protection for PC's and Office Equipment 500VA = 650VA = 1kVA = 1.5kVA

The Liebert PSA is an economical, environmentally-friendly line-interactive UPS that offers full-featured power protection for small office computers and electronic equipment. Liebert Multilink software automatically powers down your computer in the event of an extended power outage. It also has full event management and display UPS instrumentation on screen.

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

Features

5 Flexibility

- Available in four sizes: 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

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
- USB communications / shutdown software and cable included
- User-replaceable batteries



Total Cost of Ownership

Two-year replace or repair warranty



Environment-friendly

Full RoHS R6 compliance

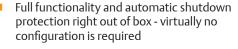


Liebert Multilink software provides you:

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

 Warnings to computer users of power loss, and graceful operating system shutdown when needed
 Full for attack literal data and a start of the start o









Technical Specifications

Model Number	PSA500MT3-230U	PSA650MT3-230U	PSA1000MT3-230U	PSA1500MT3-230U		
Input Connection	IEC-320 C14					
Output Connection	IEC-320 C13					
Number of battery-backed outlet	3	3	6	6		
Number of surge outlet	1	1	2	2		
Communication Interface	USB					
Dimensions: H x W x D (mm)	95 x 356 x 171		147 x 360 x 234			
Net Weight (kg)	6	6.5	10.3	12		
Shipping Weight (kg)	7	7.5	12.3	14		
Form Factor	Mini tower					
Software	Liebert Multilink 4, support for Windows NT / 2000 / XP / Vista					
Operation						
Capacity (VA / W)	500 / 300	650 / 390	1000 / 600	1500 / 900		
Nominal Input Power	230VAC, single phase with ground, 50 or 60Hz auto-select					
Input Voltage Window	160 to 287VAC					
Input Frequency Window	50 / 60Hz ± 5%					
Input Protection Type	Resettable circuit breaker					
Default frequency	50Hz					
Boost Mode Voltage	Input Voltage x 115%					
Buck Mode Voltage	Input Voltage / 115%					
Transfer Time (AC to DC)	4 to 6ms typical					
Surge Protection	220]					
Output (battery mode)						
Voltage	230VAC					
Voltage Regulation	≤ 5%					
Wave Form	Stepped Sinewave					
Battery type	Sealed, non-spillage, maintenance-free, lead acid with 5 year typical lifetime					
Backup Time at Full Load (minutes)	4	3	4	4		
Typical Recharge Time	6 to 8hr to 90%					
Agency Approvals						
EMI Classification	IEC / EN / AS62040-2					
Safety	IEC / EN/ AS62040-1-1					
Transportation	ISTA procedure 1A certification					
WEEE and ROHS	Yes					
Operation Condition	3,000 meter max. elevation, 0-90% humidity non-condensing 0 to 40°C					
Noise Level	< 40dBA on line mode					

Emerson Network Power Asia

Pakistan

Philippines

T: 63-2-6876615 F: 63-2-6203693

Singapore T: 65-64672211

F: 65-64670130

T: 66-2-6178260

F: 84-4-37628909

F: 66-2-6178277 to 78

Thailand

Vietnam T: 84-4-37628908

T: 92-42-36622526 to 28

F: 92-42-36622530

Australia T: 1800-065345 F: 61-2-97438737

Indonesia T: 62-21-2513003 F: 62-21-2510622

Japan T: 81-3-54038594 F: 81-3-54032924

Korea T: 82-2-34831500 F: 82-2-5927883

Malaysia T: 603-78845000 F: 603-78845188

New Zealand T: 64-3-3392060 F: 64-3-3392063



Runtime (in minutes)

Load (W)	500VA	650VA	1000VA	1500VA
200	18	20	50	65
400	5	7	18	25
600	-	4	10	14
800	-	-	7	10
1000	-	-	4	7
1200	-	-	-	5
1400	-	-	-	4

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 Multilink USB shutdown and monitoring software is downloadable.

Emerson Network Power.

The global leader in enabling Business-Critical ContinuityTM.

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

www.EmersonNetworkPower.com

Business-Critical Continuity[™], Emerson Network Power and the Emerson Network Power logo are trademarks and service marks of Emerson Electric Co. ©2009 Emerson Electric Co.

AP09DPG-PSAR1-B