

## Liebert® PSP is a full featured UPS that delivers cost-effective power protection in a compact package

The UPS provide sbattery-backed outlets and a surge protection-only outlet. The UPS battery offers four minutes of backup power at full load - ample time to shut down protected equipment if an outage occurs.

# Liebert PSP UPS Supports Your Sensitive Electronics With These Standard Features:

#### **Flexibility**

- Three battery-backed UPS outlets, and one surge protection-only outlet differentiated by color
- USB port, and cable
- User replaceable batteries.

### **Higher Availability**

- Up to four minutes of battery backup time at full load. Protects against lightning, spikes and surges
- Full sequenced battery testing to ensure batteries are available when needed
- Advance early warning of UPS shutdown
- RJ-45 port for data line surge protection.

### **Lowest Total Cost Of Ownership**

- Two-Year replacement warranty
- Optional one year warranty extension.

### The Liebert PSP Is Ideally Suited For:

- Professional workstations
- Small routers and bridges
- Point-of-sale terminals
- Other sensitive electronics.





### **Liebert® PSP Specifications**

| TECHNICAL SPECIFICATIONS                 |   |  |  |
|--|---|--|--|
| MODEL NUMBER                             | PSP500MT3-230U  | PSP650MT3-230U   |  |
| Capacity VA/W                            | 500 / 300   | 650 / 390  |  |
| Net Weight: kg                           | 3.9   |  |  |
| Shipping Weight: kg                      | 4.8   |  |  |
| Dimensions: W x D x H, mm                | 87 x 215 x 251  |  |  |
| On-Line Mains Voltage                    | 160-287VAC  |  |  |
| On-Line Frequency                        | 50/60Hz ±5Hz  |  |  |
| Output Voltage (Mains Normal)            | Typical 160-287VAC  |  |  |
| Output Voltage (Battery Operation)       | 230VAC ±5%  |  |  |
| On-Battery Wave Form                     | Stepped Sinewave  |  |  |
| Battery Type - VDC x Ah - Quantity       | 12V x 7.2Ah x 1   |  |  |
| Typical Recharge Time                    | 6-8 hours to 90%  |  |  |
| Audible and Visual                       | Audible alarm / LED   |  |  |
| Backup Sockets                           | IEC 320 C13 (3)   |  |  |
| Surge Sockets                            | IEC 320 C13 (1)   |  |  |
| Operating Temperature, °C                | 0 to 40   |  |  |
| Storage Temperature, °C                  | -15 to 40   |  |  |
| Operating / Storage Relative<br>Humidity | 0%-90%, non-condensing  |  |  |
| EMI Classification                       | Class B   |  |  |
| AGENCY                                   |   |  |  |
| Safety                                   | IEC/EN/A  | IEC/EN/AS 62040-1-1  |  |
| EMC                                      | IEC 61000-4-2 Ele<br>IEC 61000-4-3 Re<br>IEC 61000-4-4<br>IEC 61000-4-5 | EN 62040-2:2005 Class B IEC 61000-4-2 Electrostatic discharge IEC 61000-4-3 Radiated E-RFI fields IEC 61000-4-4 Fast E transients IEC 61000-4-5 Surges/Lightning IEC 61000-4-6 Conducted RFI |  |
| Transportation                           | ISTA Procedure  | ISTA Procedure 1A Certification  |  |
| Warranty                                 | 2 years standard (+ 1 year v  | 2 years standard (+ 1 year warranty extension available)   |  |
| Packaging                                |   | User Manual on CD, USB cable, Safety Instruction Sheet,<br>Environment protection sheet  |  |

## COMMUNICATIONS SOFTWARE

Windows 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.



Back view

### **Load Autonomy**

| LOAD (WATTS) | PSP500MT3-230U | PSP650MT3-230U |
|--------------|----------------|----------------|
| 50           | 55             | 56             |
| 100          | 18             | 18             |
| 150          | 11             | 12             |
| 200          | 8              | 8              |
| 250          | 5              | 5              |
| 300          | 3              | 4              |
| 350          | 0              | 3              |

 $Note: All \ run \ times \ are \ in \ minutes, assume \ fully \ charged \ batteries \ and \ are \ typical \ at \ 25^{\circ}C \ (77^{\circ}F) \ with \ resistive \ loads.$ 

#### **Tech Support**

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

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