

## Liebert PowerSure® PSI Network Solution Package

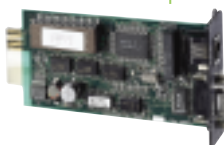
Network Enabled UPS With Built-In Communications

The Liebert PowerSure® PSI Network Solution Package is a network enabled UPS system that includes a factory-installed Liebert OpenComms Web Card for SNMP communications. This makes the Liebert PowerSure PSI the most competitively priced UPS on the market when compared to similar systems from other manufacturers.

The Liebert PowerSure PSI is a 2U-size line-interactive UPS available in 1000, 1440, 1920, 2200, 3000 VA ratings, 120V models. It utilizes industry standard backup power technology to enhance data network availability, while allowing you to remain cost-effective compared to other solutions.

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

- Cisco Switches and Routers
- Professional Desktop PC's
- Network Workstations
- Servers and Critical Nodes
- Large Network Peripherals
- Storage Systems
- Network Bridges and Hubs
- Point-of-Sale Terminals
- Network Closets
- Other Sensitive Electronics



Intellislot SNMP card allows remote monitoring, start-up or restart for connected equipment



### The PowerSure PSI Network Solution Package Offers Many Benefits:

#### Reliability:

- Factory-installed web card for UPS monitoring
- Automatic and manual battery test feature
- Batteries fully charged at the factory and tested for safe transport
- Remote emergency power off
- Extended battery runtime options

#### Flexibility:

- 2U rack-tower model can operate as a standalone unit or in extended runtime applications with matching 2U extended battery cabinets
- User configurable input voltage window
- UPS and extended batteries can be installed in rack or tower configuration
- Multiple communication capabilities: SNMP, USB, serial, contact closure

#### Low Total Cost of Ownership:

- Total integrated solution — includes the UPS, monitoring, communications cables, Liebert OpenComms Web Card and rack rails
- Lowest priced network-enabled UPS system
- Fewer battery replacements, due to a wide input voltage window which reduces the number of times the UPS transfers to battery.
- Reduced installation time and costs — UPS shipped with batteries connected and fully charged, and communications card installed
- Two-year, no hassle replacement warranty offers UPS replacement

## Liebert PowerSure® PSI Specifications

Model Number	PS1000RT2-120W	PS1440RT2-120W	PS1920RT2-120W	PS2200RT2-120W	PS3000RT2-120W	
Power Rating, VA/W	1000VA/750W	1440VA/1080W	1920VA/1500W	2200VA/1650W	3000VA/2250W	
<b>Dimensions, W x D x H, in (mm)</b>						
Unit	3.43 x 22 x 17 (87 x 557 x 430)	3.43 x 22 x 17 (87 x 557 x 430)	3.43 x 24.1 x 17 (87 x 612 x 430)	3.43 x 24.2 x 17 (87 x 612 x 430)	3.43 x 24.2 x 17 (87 x 612 x 430)	
<b>Weight, lbs (kg)</b>						
Unit	61.7(28.0)	68.2(31.0)	77.0 (35.0)	77.0 (35.0)	81.6 (37.0)	
<b>Input AC Parameters</b>						
Surge Protection	570J					
Voltage Range Without Battery Operation	78VAC - 150VAC, configurable					
Frequency Range	45 - 65 Hz (±0.1 Hz)					
Input Power Cord	10 ft. (3m) attached, w/NEMA 5-15 P	10 ft. (3m) attached, w/NEMA 5-15 P	10 ft. (3m), attached, NEMA 5-20 P	10 ft. (3m) attached, w/NEMA L5-30 P	10 ft. (3m) attached, w/NEMA L5-30 P	
<b>Output AC Parameters</b>						
Output Receptacles	(8) NEMA 5-15 R	(8) NEMA 5-15 R	(6) NEMA 5-15 R (2) NEMA 5-20 R T-Slot, accepts 15APlug	(6) NEMA 5-15 R (2) NEMA 5-20 R T-Slot, accepts 15APlug	(4) NEMA 5-15 R (2) NEMA 5-20 R (1) NEMA L5-30 R T-Slot, accepts 15APlug	
Voltage (Normal mode)	110 / 120 / 127 VAC (configurable) ±10%					
Voltage (Battery Mode)	110 / 120 / 127 VAC (configurable); ±5% before low battery warning; ±8% after low battery warning					
Transfer Time	4-6 ms typical					
Waveform	Sinewave					
Frequency (Normal Mode)	45 - 65 Hz (±0.1 Hz)					
Frequency (Battery Mode)	50 or 60 Hz (±5%); auto sensing					
<b>Battery Parameters</b>						
	Load%	PS1000RT2-120W	PS1440RT2-120W	PS1920RT2-120	PS2200RT2-120W	PS3000RT2-120W
<b>Internal Battery Runtime</b>						
	20%	65 min.	45 min.	52 min.	47 min.	47 min.
	40%	37 min.	24 min.	25 min.	23 min.	22 min.
	60%	24 min.	14 min.	15 min.	13 min.	14 min.
	80%	16 min.	9 min.	10 min.	8 min.	9 min.
	100%	11 min.	5 min.	6 min.	5 min.	6 min.
Recharge Time	4 hours to 90% of rated capacity, after full discharge into resistive load					
<b>External Battery Cabinet Model Number</b>						
	PS2-48VBATT	PS2-48VBATT	PS2-72VBATT	PS2-72VBATT	PS2-72VBATT	PS2-72VBATT
<b>Internal Battery Runtime + 1 External Battery Cabinet</b>						
	50%	119 min.	72 min.	105 min.	99 min.	67 min.
	100%	46 min.	30 min.	43 min.	40 min.	29 min.
<b>Internal Battery Runtime + 2 External Battery Cabinets</b>						
	50%	209 min.	133 min.	163 min.	150 min.	129 min.
	100%	98 min.	56 min.	89 min.	77 min.	52 min.
<b>Internal Battery Runtime + 3 External Battery Cabinets</b>						
	50%	274 min.	209 min.	237 min.	222 min.	168 min.
	100%	136 min.	95 min.	128 min.	120 min.	88 min.
<b>Internal Battery Runtime + 4 External Battery Cabinets</b>						
	50%	305 min.	257 min.	281 min.	274 min.	222 min.
	100%	188 min.	125 min.	150 min.	144 min.	118 min.
<b>Environmental</b>						
Operating Temperature	+32°F to + 104°F (0°C to + 40°C)					
Storage Temperature	+5°F to + 104°F (-15°C to + 40°C)					
Relative Humidity	0% to 95%, non-condensing					
Operating Altitude	Up to 10,000 ft. (3000m) at 95°F (35°C) without derating					
Audible Noise	<40 dBA, internal fan(s) off		<40 dBA, internal fan(s) off			
	<50 dBA, internal fan(s) on		<60 dBA, internal fan(s) on			
<b>Agency</b>						
Safety	UL 1778, c-UL Listed					
Surge Immunity	IEEE 587, Category A					
Emissions (RFI/EMI)	FCC Part 15, Class B			FCC Part 15, Class A		
Transportation	ISTA Procedure 1A Certification					

## Liebert Corporation

1050 Dearborn Drive  
P.O. Box 29186  
Columbus, Ohio 43229  
800 877 9222 Phone (U.S. & Canada Only)  
614 888 0246 Phone (Outside U.S.)  
614 841 6022 FAX

Via Leonardo Da Vinci 8  
Zona Industriale Tognana  
35028 Piove Di Sacco (PD)  
Italy  
39 049 9719 111 Phone  
39 049 5841 257 FAX

Emerson Network Power Asia Pacific  
7/F., Dah Sing Financial Centre  
108 Gloucester Rd, Wanchai  
Hong Kong  
852 25722201 Phone  
852 28029250 FAX

## liebert.com

## 24 x 7 Tech Support

800 222 5877 Phone  
614 841 6755 (outside U.S.)

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