Liebert® PSI

High Performance Rack & Tower UPS For Network Power Protection

AC Power for

Business-Critical Continuity™



Flexibility:

- Eight battery-backed outlets
- Configurable input voltage window
- Rotatable Display Panel
- Automatic Frequency Sensing
- Rack Rail Kit
- Multiple Communications Options: Contact Closure, USB and SNMP

Higher Availability:

- Data line surge protection
- Advance early warning of UPS system status
- Up to five minutes of battery backup time at full load when utility fails
- Full sequenced battery testing
- Surge protection
- Remote emergency power off
- Hot swappable batteries

Lowest Total Cost Of Ownership:

- 0.9 Output Power Factor
- Wider input voltage window
- Reduced installation time and costs
- Warranty Protection

Liebert PSI is a compact, line-interactive UPS system designed especially for IT applications such as network closets and small data centers. It provides reliable power protection for servers, critical nodes, network workstations, large network peripherals, network routers, bridges, and other electronic equipment.

The flexible design of Liebert PSI allows the UPS to be configured as a self-standing tower or to be rack-mounted within a 2U space. It is available in five capacities, and both 120V or 230V models.

The UPS features an innovative line-interactive design incorporating buck/boost automatic voltage regulation technology. This protects against utility voltage fluctuation by raising and lowering utility power to the level needed by the connected equipment. It also allows the UPS to prolong battery life by maximizing its time on utility power before going to battery.

Ideally suited for:

- PCs
- Network workstations



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Liebert® **PSI** Specifications

Model Number	PS750RT3-230	PS1000RT3-230	PS1500RT3-230	PS2200RT3-230	PS3000RT3-230					
Power Rating	750VA/675W	1000VA/900W	1500VA/1350W	2200VA/1980W	3000VA/2700W					
Dimensions, W x D x H - mm	,	,		,	,					
Unit	440 x 412 x 88 440 x 657 x 88									
Shipping		560 x 595 x 228	560 x 776 x 228							
Weight - kg										
Unit	15	19.4	20.9	33.8 37.2						
Shipping	18.2	22.6	24.1	38.3	41.5					
Input AC Parameters										
Surge Protection			220]							
Voltage Range Without Battery Operation	165-300, Configurable									
Frequency Range	45-65Hz, (±0.5Hz)									
Input Socket		IEC-320-C14	IEC-320-C20							
Output Receptacles		(8) IEC-320-C13	(8) IEC-320-C13 - (1) IEC-320-C19							
Voltage, Normal Mode	220/230/240 VAC, Configurable, ±10%									
Voltage, Battery Mode	220/230/240 VAC, Configurable; ±5% Before Low Battery Warning									
Transfer Time	4-6 ms, Typical									
Waveform	Sinewave									
Overload Warning	>100%									
Battery Parameters										
Туре	Valve-Regulated, Nonspillable, Lead Acid									
Quantity x Voltage x Ah	2 x 12 x 7.2	3 x 12 x 7.2	3 x 12 x 9	6 x 12 x 7.2	6 x 12 x 9					
Backup Time	See Load Autonomy table below									
Recharge Time	5 hours to 90% of rated capacity, after full discharge into resistive load									
Environmental										
Operating Temperature	0°C to 40°C (32°F to 104°F)									
Storage Temperature	-15°C to 40°C (5°F to 104°F)									
Relative Humidity	0% to 90%, non-condensing									
Operating Altitude	Up to 3000m (10,000 ft.) at 35°C (95°F) without derating									
Audible Noise	<45 dBA									
Agency										
Safety	IEC/EN/AS 62040-1-1									
Surge	IEC/EN/AS61000-4-2									
ESD	IEC/EN/AS61000-4-3									
Susceptibility	IEC/EN/AS61000-4-4									
Electrical Fast Transient	IEC/EN/AS 62040-2 2nd Ed class A									
Emissions	IEC/EN/AS61000-4-6									
Conducted Immunity	IEC/EN/AS61000-3-2									
Harmonics	IEC/EN/AS61000-4-6									
Transportation	ISTA Procedure 1A Certification									
Environmental	ROHS compliant									
Warranty		2 years standar	d (+1 year warranty ext	ension available)						
	Multi-Langua	ge User Manual on CD. Lie	ebert MultiLink Software	on CD, Contact Closure (ML9P9S) Cable					

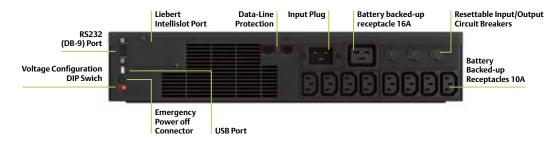
Multi-Language User Manual on CD, Liebert MultiLink Software on CD, Contact Closure (ML9P9S) Cable USB Cable, Tower Stand, Mounting Hardware, Rack-Mount Handles, Fixed Mounting Rails, EPO Connector, Input Power Cord, 2200/3000 only: 2 - (1) Schuko to IEC-320-C19 and (1) UK plug to IEC-320-C19 input cord, IEC Output Cable, 750/1000/1500 only: 2 - (2) IEC-320-C13, IEC Output Cable, 2200/3000 only: 3 - (3) IEC-320-C13

Load Autonomy - Liebert PSI 750VA-3000VA

Packaging

	Load %	750VA	1000VA	1500VA	2200VA	3000VA
nternal Battery	10	84	93	76	82	76
	20	45	47	32	44	32
	30	25	26	17	19	17
	40	15	15	12	14	12
	50	11	12	9	11	9
	60	9	9	7	9	7
	70	7	7	5	7	5
	80	5	6	4	5	4
	90	4	5	3	4	3
	100	4	4	3	3	3

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



Locations

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Tech Support

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Emerson Network Power™

The global leader in enabling Business-Critical Continuity™.

AC PowerConnectivityDC PowerEmbedded ComputingEmbedded Power

Infrastructure Management & Monitoring

Outside Plant

Power Switching & Controls

Precision Cooling

Racks & Integrated Cabinets

Services

Surge Protection

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