

**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.

#### **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.

#### **Ideally suited for:**

- PCs
- Network workstations
- Servers
- Network closets
- Large network peripherals
- VoIP.



Liebert PSI 2U Rack version

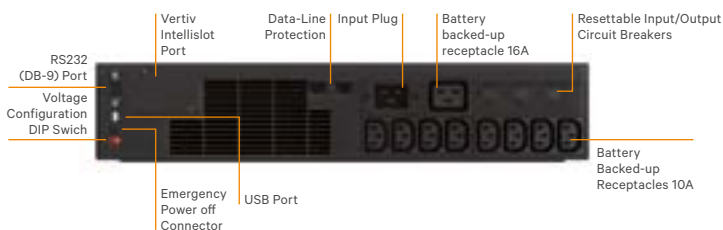
Liebert PSI 2U Tower version

## Liebert® PSI Specifications

MODEL NUMBER	P5750RT3-230	PS1000RT3-230	PS1500RT3-230	PS2200RT3-230	PS3000RT3-230
Power Rating	750 VA/675 W	1.000 VA/900 W	1.500 VA/1.350 W	2.200 VA/1.980 W	3.000 VA/2.700 W
<b>DIMENSIONS, W X D X H - MM</b>					
Unit	440 x 412 x 88			440 x 657 x 88	
Shipping	560 x 595 x 228			560 x 776 x 228	
<b>WEIGHT - KG</b>					
Unit	15	19,4	20,9	33,8	37,2
Shipping	18,2	22,6	24,1	38,3	41,5
<b>INPUT AC PARAMETERS</b>					
Surge Protection	220J				
Voltage Range Without Battery Operation				165-300, Configurable	
Frequency Range	45-65 Hz, (±0,5 Hz)				
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%				
<b>BATTERY PARAMETERS</b>					
Type	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				
<b>ENVIRONMENTAL</b>					
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				
<b>AGENCY</b>					
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 2a Ed Classe 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 standard (+ 1 year warranty extension available)				
Packaging	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						
	Load %	750 VA	1.000 VA	1.500 VA	2.200 VA	3.000 VA
<b>INTERNAL BATTERY</b>	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

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



### Tech Support

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

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