VERTIV™

Vertiv™ Liebert®

PSI5 UPS

High Performance Line
Interactive UPS for Critical
Network Power Protection

Liebert® PSI5 is a compact, Automatic Voltage Regulation (AVR) line-interactive UPS system designed especially for IT applications such as network closets and small data centers.

The Liebert PSI5 UPS supports advanced pure sine wave output on battery to safeguard critical IT equipment and business electronics. It also provides reliable power protection for servers, critical nodes, network workstations, large network peripherals, network routers, bridges, and other electronic equipment. With 3 different form-factors available, the Liebert PSI5 has been designed to ensure power continuity for a wide array of applicaitons

Ideally suited for

- Servers
- Network Closets
- Safety and Security systems
- Network Workstations
- Large Network Peripherals
- Storage
- VoIP
- Media Closet Equipment
- POS Systems

2U Rack/Tower
(800VA - 5000VA)

- Convertible rack/tower design with rotatable LCD display provides flexible installation options
- Extended runtime capability with external battery cabinets for hours of back-up time
- Vertiv™ Liebert® Intellislot™ SNMP/Webcards available for remote power management, and environmental sensor support

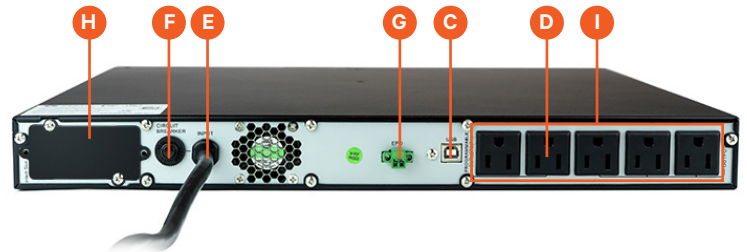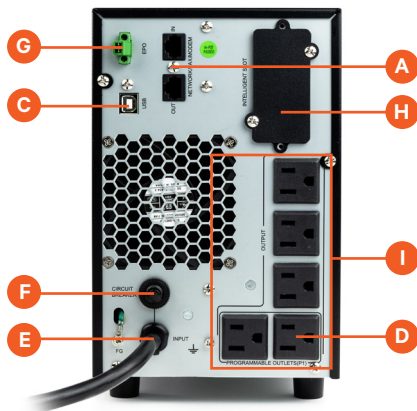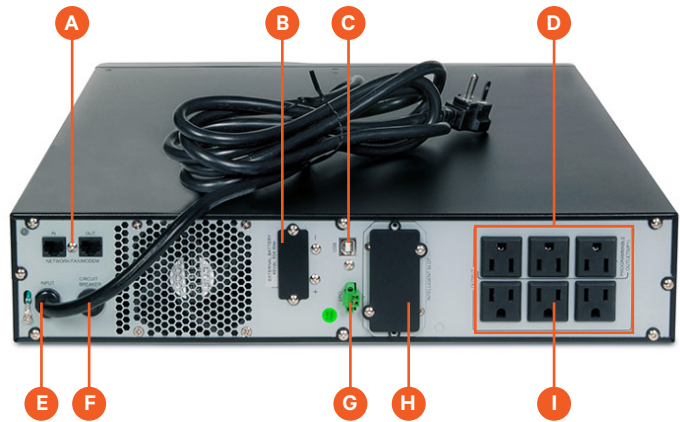### 1U Rack Mount
(1000VA, 1500VA)

- Compact 1U Rack Mount design for applications with limited rack space
- Comes with rack mounting hardware included
- Liebert® Intellislot™ SNMP/Webcards available for remote power management, and environmental sensor support

Mini Tower
(750VA, 1100VA, 1500VA)

- Compact Mini Tower design for tower servers and/or applications with no available rack
- Plug and play solution requiring no installation
- Liebert Intellislot SNMP/Webcards available for remote power management, and environmental sensor support

A RJ-45 Data Line Surge Connectors

B Extended Runtime Battery Connection

C USB Port

D Programmable Outlet Group

E Input Power Cord

F Input Circuit Breaker

G Emergency Power Off (EPO) Connector

H Vertiv™ Liebert® IntelliSlot™ Port
Optional (Communications Card)

I Output Receptacles

Reliable UPS protection to keep your network up and running

The flexible design of the Vertiv™ Liebert® PSI5 allows the UPS to be tower (MT models), 1U rack mountable (1U models), or to be configured as a self-standing tower or to be rack-mounted within a 2U space (RT models). It is available from 750VA to 5000VA with both 120V or 208V models.

The Liebert® PSI5 UPS features an innovative advanced line-interactive design incorporating buck/boost Automatic Voltage Regulation (AVR) 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.

With high efficiency and 0.9 power factor operation, the Liebert PSI5 will meet your critical application needs. You can rest assured that your business is protected with this Vertiv solution, which includes a standard, two-year advanced exchange product warranty.

What's In The Box

- UPS Unit

- USB Type A to USB Type B cable 1.8 meter (6ft) in length

- Printed quick start guide with safety instructions

- Adjustable 4 post rack mounting kit (not included with Mini Tower)

- Support base for tower configuration (2U Rack/Tower Models Only)

- Vertiv™ Power Insight Management software (free download from Vertiv.com)

- Vertiv™ Liebert® RDU120 Network Card (Only Models ending with an "N")

Vertiv™ Liebert® PSI5 UPS

High Availability

0.9 Output Power Factor: More usable power enables more connected loads saving space and costs

Wider Input Voltage Window: Prolongs battery life by allowing the UPS to maximize the use of utility power before transfering to battery when input exceeds specified limits (76 to 146 VAC @120V)

Full Sequenced Battery Testing: The Vertiv™ Liebert® PSI5 UPS includes an automatic and manual self-diagnostic test feature. This provides a comprehensive analysis of the condition of the batteries within the UPS and will notify you when the internal batteries need to be replaced.

Advance Early Warning of UPS System Status: The Liebert® PSI5 UPS offers multiple audible and visual alarms to immediately alert you to an input voltage fluctuation (buck/boost), output overload, low battery or replace battery condition.

Flexibility

Up to Seven Battery-Backed Outlets: Allows the Liebert PSI5 to be more flexible in accommodating additional equipment to be connected to the UPS via the receptacles.

Configurable Input Voltage Window: Allows the UPS to be properly matched to the incoming utility power and adjusts its input window and transfer points to supply regulated power to connected loads within the selected range.

Programmable Outlet Group: Power cycle connected equipment and load shed on battery to extend run time.

Hot Swappable Batteries: Increase product life and provide prolonged UPS reliability. Batteries are conveniently located behind the front bezel of the unit (RT models) or from the bottom (tower models).

Manageability

USB Communications: 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. Vertiv™ *Trellis*™ Power Insight Shutdown Software is available at Vertiv.com.

SNMP Communication Option: Add optional Vertiv™ Liebert® IntelliSlot™ communications card to enable SNMP and web-based management for the Liebert PSI5 UPS. The Liebert® IntelliSlot™ communication cards provide network integration connectivity and allow you to monitor and control your UPS from your network management station or any PC.

- Sends both SNMP traps and emails for event notification
- Auto-senses 10M/100M/1GB Ethernet
- Compatible with shutdown software to ensure graceful computer shutdown
- Vertiv™ Liebert® IntelliSlot™ Communications Cards also have Environmental Sensor support
- Allows remote, start-up or restart for connected equipment

Remote Emergency Power Off: Allows the UPS to be remotely shut down during an emergency.

Optional Vertiv™ Liebert® MicroPod Output Distribution and Maintenance Bypass Module

When your computer system can't be without power, even for scheduled UPS maintenance, the Liebert® MicroPod ensures continuous uptime. It allows you to manually transfer connected equipment to utility power permitting scheduled service or UPS replacement without the need to shut down connected equipment.

Features include:

- 2U height minimizes rack space requirements
- Installs with plug-and-play ease

MicroPod - Maintenance bypass and output distribution

The Liebert® MicroPod (Power Output Distribution) is a maintenance bypass option for UPS products, 3 kVA and below. It allows removal of the UPS without powering down the connected equipment. The 2U Pod's can be installed on the floor or mounted to a Liebert® PSI5 using the included mounting brackets.

UPS VA rating	Pod model number	Output receptacles	Plug to utility
500-1500VA UPS	MP2-115HW	Hard Wired	Hardwired
	MP2-115A	8 x 5-15R	5-15P
2000VA UPS	MP2-120HW	Hard Wired	Hardwired
	MP2-120C	8 x 5-15/20R	5-20P
	MP2-120E	4 x 5-15/20R; 1 x L5-20R	5-20P
3000VA UPS	MP2-130HW	Hard Wired	Hardwired
	MP2-130C	8 x 5-15/20R	L5-30P
	MP2-130E	2 x 5-15/20R; 1 x L5-30R; 4 x 5-15/20R	L5-30P
	MP2-130P	4 x 5-15R; 2 x L5-20R	L5-30P

UPS Specifications for 2U Rack/Tower Models

Standard Models	PSI5-800RT120	PSI5-1100RT120	PSI5-1500RT120	PSI5-2200RT120	PSI5-3000RT120	PSI5-5000RT208
Models with RDU120 Network Card	PSI5-800RT120N	PSI5-1100RT120N	PSI5-1500RT120N	PSI5-2200RT120N	PSI5-3000RT120N	PSI5-5000RT208N
Power Rating, VA/W	800VA/720W	1100VA/990W	1500VA/1350W	1920VA/1920W	2880VA/2700W	4250VA/3825W
Dimensions, W X D X H, IN (MM)						
Unit	17.2 x 16.1 x 3.5 (438 x 410 x 88)	17.2 x 16.1 x 3.5 (438 x 410 x 88)	17.2 x 20 x 3.5 (438 x 510 x 88)	17.2 x 24.8 x 3.5 (438 x 630 x 88)	17.2 x 24.8 x 3.5 (438 x 630 x 88)	17.2 x 24.8 x 3.5 (438 x 630 x 88)
Shipping	10.2 x 22.9 x 21.7 (258 x 582 x 550)	10.2 x 22.9 x 21.7 (258 x 582 x 550)	10.2 x 26.5 x 21.7 (258 x 672 x 550)	10.2 x 26.7 x 21.7 (258 x 782 x 550)	10.2 x 26.7 x 21.7 (258 x 782 x 550)	10.2 x 26.7 x 21.7 (258 x 782 x 550)
Weight, LB (KG)						
Unit	28.4 (12.9)	29.5 (13.4)	42.6 (19.3)	59.1 (26.8)	70.8 (32.1)	87.7 (39.8)
Shipping	32.2 (16.9)	37.9 (17.2)	51.8 (23.5)	70.1 (31.8)	81.8 (37.1)	98.8 (44.8)
Input/Output AC Parameters						
Nominal Voltage Setting	100/110/115/120(default) / 125					200/208/220/230/240
Voltage Range Without Battery Operation	75 to 146 VAC	75 to 146 VAC	75 to 146 VAC	75 to 146 VAC	75 to 146 VAC	150 to 281 VAC
Frequency Range	55~65Hz (57~63Hz Battery to Normal comeback)					
Surge Protection	1372J	1372J	1372J	1372J	1372J	2064J
Input Power Cord, 8ft (2.4m) Attached	NEMA 5-15	NEMA 5-15	NEMA 5-15	NEMA L5-20 std 5-20 adapter included	NEMA L5-30P	NEMA L6-30P
Output Receptacles – Not Controllable	(3) NEMA 5-15R	(3) NEMA 5-15R	(3) NEMA 5-15R	(3) NEMA 5-15/20R, (1) NEMA L5-20R	(3) NEMA 5-15/20R, (1) NEMA L5-30R	(3) L6-30R
Output Receptacles – Controllable	(3) NEMA 5-15R	(3) NEMA 5-15R	(3) NEMA 5-15R	(3) NEMA 5-20R	(3) NEMA 5-20R	(1) NEMA L6-30R
Transfer Time	4-6 ms Typical					
Battery Waveform	Pure Sinewave					
Battery Parameters						
Type	Valve-regulated lead-acid (VRLA) in compliance with UL 1989					
Recharge Time	4 hours to recover 90%					
Internal Battery Run Time						
Full Load	5.5 min	4.5 min	6.0 min	5.0 min	5.5 min	3.0 min
Half Load	16.0 min	13.5 min	18.0 min	14.0 min	16.0 min	10.0 min
External Battery	PSI5-24VBATT	PSI5-24VBATT	PSI5-48VBATT	PSI5-72VBATT	PSI5-72VBATT	PSI5-72VBATT
Environmental						
Operating Temperature, ˚F (˚C)	32° to 104° (0° to 40°)					
Storage Temperature ˚F (˚C)	5° to 120° (-15° to 50°)					
Relative Humidity	20% – 90%, non-condensing					
Operating Altitude	0 to 9,942 (0 to 3,000) without derating. Operating temperature reduced 9 °F (5 °C) for each additional 1,640ft (500m) of altitude.					
Audible Noise	< 45 dB	< 45 dB	< 45 dB@line mode < 55 dB@battery mode	< 45 dB@line mode < 55 dB@battery mode	< 45 dB@line mode < 55 dB@battery mode	< 45 dB@line mode < 55 dB@battery mode
Agency						
Safety	UL 1778, c-UL-us Listed					
Emissions	FCC Part 15, Class B					
Network Surge	UL 497 B					
Transportation	ISTA Procedure 1A Certification					
Protection Plan						
Equipment Protection Plan	$400,000					

Vertiv™ Liebert® PSI5 UPS

Specifications for 1U Rack Mount & Mini Tower Models

Standard Models	PSI5-1000RM1201U	PSI5-1500RM1201U	PSI5-750MT120	PSI5-1100MT120	PSI5-1500MT120
Models with RDU120 Network Card	PSI5-1000RM1201UN	PSI5-1500RM1201UN	PSI5-750MT120N	PSI5-1100MT120N	PSI5-1500MT120UN
Power Rating, VA/W	1000VA, 900W	1440VA, 1350W	750 VA, 675W	1100 VA, 990W	1440 VA, 1350W
Dimensions, W X D X H, IN (MM)					
Unit	17.2 x 20.1 x 1.7 (438 x 511 x 44)	17.2 x 24.8 x 1.7 (438 x 631 x 44)	5.7 x 14.8 x 8.7 (145 x 376 x 220)	5.7 x 14.8 x 8.7 (145 x 376 x 220)	5.7 x 19.1 x 8.7 (145 x 484 x 220)
Shipping	22.1 x 23.4 x 5.5 (560 x 595 x 140)	23.4 x 27.8 x 5.5 (595 x 710 x 140)	9.1 x 17.7 x 12.8 (230 x 450 x 325)	9.1 x 17.7 x 12.8 (230 x 450 x 325)	9.1 x 22.4 x 12.8 (230 x 570 x 325)
Weight, LB (KG)					
Unit	36.4 (16.5)	45.6 (20.7)	24.7 (11.2)	26.0 (11.8)	40.1 (18.2)
Shipping	40.8 (18.5)	51.1 (23.2)	27.8 (12.6)	29.1 (13.2)	44.1 (20.0)
Nominal Voltage Setting			100 / 110 / 115 / 120 / 125 VAC		
Input/Output AC Parameters					
Voltage Input Range (with battery operation)			0-150VAC		
Voltage Input Range (without battery operation)			75-146VAC		
Input Voltage Measurement Tolerance			3%		
High Line Buck to Battery			117 / 129/ 135 / 140 / 146 VAC		
Standard Models					
Frequency Input Range			55-65 Hz (57-63 Hz Battery to Normal comeback)		
Internal Rear-panel Input Breaker Rating	13A	16A	10A	13A	16A
Input Surge Protection			ANSI C62.41, Category A, Level 3 1372 J		
Input Power Cord	8ft (2.4m)	8ft (2.4m)	6ft (1.8m)	6ft (1.8m)	6ft (1.8m)
Output Voltages (on battery)		100 / 110 / 115 / 120 / 125 VAC(±1.5 on battery before alarm) user selectable (120 VAC is factory default)			
Output Frequency (on battery)			60 Hz ±1%		
Output Receptacles - not controllable			(3) NEMA 5-15R		
Output Receptacles - controllable		(2) NEMA 5-15R			(3) NEMA 5-15R
Transfer Time		Adjustable with User Setting 09 ST1: 4-6ms typical, 10ms max (default) ST2: 4-6ms Typical, 11ms max ST3: 8-10ms typical, 13ms max			
Battery Waveform			Pure Sinewave		
Output Overload Operation		100%- alarm warning 110% - alarm warning and shutdown after 10 seconds 120%- alarm warning and immediate shutdown			
Protection			Electronic (over current, short circuit w/ latching shutdown)		
Buck- and Boost-mode Efficiency			93%		
Type			Valve-regulated lead-acid (VRLA) in compliance with UL 1989		
Recharge Time		6 hours to recover 90%		6-8 hours to recover 90%	
Quantity x Voltage x Ah	4 x 6V x 9Ah	6 x 6V x 9Ah	2 x 12V x 9Ah	2 x 12V x 10Ah	2 x 12V x 9Ah
Environmental					
Operating Temperature, ° F (° C)			32-104 (0-40)		
Storage Temperature ˚F (˚C)			-5- 122 (-15- 50)		
Relative Humidity			20% to 90% non-condensing		
Operating Altitude		0 - 9,942 (0 -3,000) without derating Operating temperature reduced 9° F (5° C) for each additional 1,640 ft (500 m) of altitude.			
Audible Noise			< 45dB		< 45dB@line mode <55dB@battery mode
Agency					
Safety			UL 1778, c-UL-us Listed		
Emissions			FCC Part 15, Class B		
Network Surge			UL 497 B		
Transportation			*ISTA Procedure 1A Certification*		
Protection Plan					
Equipment Protection Plan			$400,000		

For Runtime Estimates with EBC see Runtime Calculator

Accessories and Options

Replacement Internal Battery Kits

Part Number	Applicable To	Shipping Weight lbs.
PSI5-800BATKIT	PSI5-800RT120(N)	13.6
PSI5-1100BATKIT	PSI5-1100RT120(N)	14.1
PSI5-1500BATKIT	PSI5-1500RT120(N)	25.5
PSI5-2200BATKIT	PSI5-2200RT120(N)	37.8
PSI5-3000BATKIT	PSI5-3000RT120(N)	38.8
PSI5-5000BATKIT	PSI5-5000RT208(N)	41.0
PSI5-750MTBATKIT	PSI5-750MT120(N)	12.3
PSI5-1100MTBATKIT	PSI5-1100MT120(N)	13.9
PSI5-1500MTBATKIT	PSI5-1500MT120(N)	23.6
PSI5-10001UBATKIT	PSI5-1000RM1201U(N)	14.3
PSI5-15001UBATKIT	PSI5-1500RM1201U(N)	21.2

External Battery Cabinets

Part Number	Applicable To	Shipping Weight lbs.
PSI5-24VBATT	PSI5-800RT120(N), PSI5-1100RT120(N)	51.8
PSI5-48VBATT	PSI5-1500RT120(N)	70.3
PSI5-72VBATT	PSI5-2200RT120(N) PSI5-3000RT120(N) PSI5-5000RT208(N)	96.1

Note: Runtimes with EBC are shown on the Runtime Tool

Extended Battery Cabinet Interconnect Cable

Part Number	Applicable To	Shipping Weight lbs.
PSI5-24VCBL1	PSI5-24VBATT	1.56
PSI5-24CBL6	PSI5-24VBATT	2.8
PSI5-48VCBL1	PSI5-48VBATT	1.56
PSI5-48VCBL6	PSI5-48VBATT	2.8
PSI5-72VCBL1	PSI5-72VBATT	1.56
PSI5-72VCBL6	PSI5-72VBATT	2.8

Mounting Kit Options
These mounting kits are only applicable to 2U Rack/Tower Products

Application	Model Supported	Style	Part Number	Description
2 Post-Telecom rack	PSI5 2U UPS family up to 5kVA	Bracket	2POSTRMKIT	Flexible installation capability on typical 2 post network equipment racks. Securely mount the UPS into a typical 3-6" rail width solution
		Shelf	RS500	Flush-mount shelf for 19" rack wide
		Shelf	RS600	Center-mount shelf for 19" rack wide
		Shelf	RS700	Flush-mount shelf for 23" rack wide
		Shelf	RS800	Center-mount shelf for 23" rack wide

2POSTRMKIT and PSI5 2U UPS

Note: RS600 and RS800 kits include adapter brackets for installation of up to (2) Liebert® PSI5 2U model

Step Down Transformer Options (Only for use with PSI5-5000RT208)
The TDU is a 2U rack/tower step-down Transformer with integral power distribution and air cooling. It can be used to provide low voltage power distribution from 208 or 240VAC input.

Part Number	Power Rating at 208VAC	Input	Output
TDU-4000RTL630	4000VA / 4000W	L6-30P	2 x L5-20R 8 x NEMA 5-15/20R
TDU-6000RTL630	5050VA / 5050W	L6-30P	2 x L5-30R 8 x NEMA 5-15/20R

TDU-6000RTL630 and PSI5-5000RT208

Vertiv™ Liebert® PSI5 UPS

Network Communication Cards and environmental sensors

Optional Intellislot cards are compatible with all Liebert® PSI5 UPS systems

Network Communications	RDU120	Network Communication Card with 10/100/1000 Mbps Ethernet, web interface, SNMP, BACnet IP/MSTP, Modbus TCP/RTU and environmental sensor support. UL-2900-1 certified. Includes a configuration cable.
	IS-UNITY-DP*	Same as IS-UNITY-SNMP plus SN series environmental sensor support
	IS-UNITY-SNMP*	10/100 Mbit Ethernet SNMP, Device Web Page, with MIB and configuration cable
	IS-RELAY	Intellislot Interface Kit for Relay Contacts
UNITY Card Environmental Sensors	SN-Z01	Integrated cable with single temperature sensor
	SN-Z02	Integrated cable with three temperature sensors
	SN-Z03	Integrated cable with three temperature and one humidity sensors
	SN-T	Modular with single temperature sensor
	SN-TH	Modular with single temperature and single humidity sensor
	SN-2D	Modular with two door contact inputs
	SN-3C	Modular with three dry contact inputs
	SN-L20	Modular leak zone sensor with 20 foot cable (Liebert RDU-S only)
RDU120 Card Environmental Sensors	A2D-10	Analog to digital converter provides the ability to connect a dry contact, 0-10V, or 4-20mA sensor to a Plug-n-Play sensor port. Includes a 10ft / 3m cable.
	A2D-50	Analog to digital converter provides the ability to connect a dry contact, 0-10V, or 4-20mA sensor to a Plug-n-Play sensor port. Includes a 50ft / 15.2m cable.
	GT3HD	Temperature, humidity, and dew point sensor with dual inputs for included 3ft / .9m and 6ft / 1.8m temperature sensors for monitoring top, middle, and bottom of a rack or cabinet. Includes a supplementary input for daisy-chaining additional sensors. Includes 10ft / 3m cable.
	GT3HD-50	Temperature, humidity, and dew point sensor with dual inputs for included 3ft / .9m and 6ft / 1.8m temperature sensors for monitoring top, middle, and bottom of a rack or cabinet. Includes a supplementary input for daisy-chaining additional sensors. Includes 50ft / 15.2m cable.
	GTHD	Temperature, humidity, and dew point sensor. Includes a supplementary input for daisy-chaining additional sensors. Includes 10ft / 3m cable.
	GTHD-50	Temperature, humidity, and dew point sensor. Includes a supplementary input for daisy-chaining additional sensors. Includes 50ft / 15.2m cable.
	SRT-12	Temperature sensor used to monitor temperature in critical environments. Includes a 12ft / 3.6m cable.
	SRT-20	Temperature sensor used to monitor temperature in critical environments. Includes a 20ft / 6.1m cable.
	SRT-50	Temperature sensor used to monitor temperature in critical environments. Includes a 50ft / 15.2m cable.
	SRT-100	Temperature sensor used to monitor temperature in critical environments. Includes a 100ft /30.4m cable.
	RTAFHD3-12	Temperature, airflow, humidity, and dew point sensor. Includes 12ft / 3.6m cable.
	RTAFHD3-20	Temperature, airflow, humidity, and dew point sensor. Includes 20ft / 6.1m cable.
	RTAFHD3-50	Temperature, airflow, humidity, and dew point sensor. Includes 50ft / 15.2m cable.
	RTAFHD3-100	Temperature, airflow, humidity, and dew point sensor. Includes 100ft / 30.4m cable.
	FS-15	0-5VDC conductivity based flood sensor used to detect the presence of water. Includes a 15ft/ 4.5m cable.
	FS-100	0-5VDC conductivity based flood sensor used to detect the presence of water. Includes a 100ft / 30.4m cable
	RDPS	Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 30ft / 9.1m cable.
	RDPS-50	Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 50ft / 15.2m cable.
	RDPS-100	Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 100ft / 30.4m cable.
	PFS-100 US	0-5V power failure sensor to monitor the presence of utility power. Includes a 100ft / 30.4m cable and US NEMA power supply

IS-UNITY-DP and IS-UNITY-SNMP Network Cards are in Phase Out

IS-UNITY-DP and IS-UNITY-SNMP Network Communications Card are being phased out and will remain available for purchase only until Dec 2025.

Vertiv™ UPS Software Benefits Ladder

Feature	Power Assist	Power Insight	Environet™ Alert	DSView Solutions	Environet™ Connect
Management					
Mass Device Provisioning					•
Mass Device Configuration					•
Mass Firmware Upgrade				•	•
Hypervisor Plugin		vCenter, vXRail, Nutanix			
Automated Server Shutdown	•	•			
Reporting					
Analytics and Reporting			•		•
Historical Data		•	•		•
Thresholds and Alerts		•	•	•	•
Alarm Management	•	•	•	•	•
Monitoring					
IT Device Monitoring				•	
Thermal Monitoring			•		•
Power Monitoring	UPS Only	UPS and Rack PDU	•	UPS, Rack PDU, Servers	•
Specifications					
Protocol Support	USB/SNMP	SNMP	SNMP, Modbus TCP, BACnet IP	SNMP, IPMI, Redfish	SNMP
Equipment Support	Vertiv Only	Vertiv Only	Multi-Vendor	Multi-Vendor	Multi-Vendor
Max. Devices Support	2	100	Scalable	Scalable	Scalable
Software Architecture	On-prem	On-prem	On-Prem	On-Perm	Multi-Tenant Cloud based
Licensing	Free	Free	Perpetual	Subscription	Subscription

Vertiv™ Liebert® PSI5 UPS - Power Assurance Services

Power Assurance Package

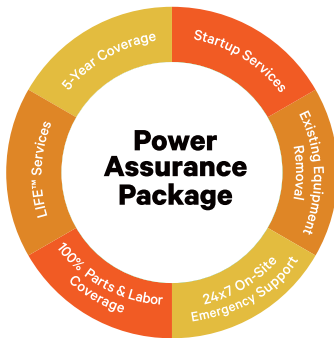| Bundled Start-up Service AND 5-Year On-site Emergency Response	Standard	With Vertiv™ LIFE™ Services	With Removal	With Vertiv™ LIFE™ and Removal
Equipment Model / Type	Part Number	Part Number	Part Number	Part Number
Liebert PSI5 UP TO 3KVA	PAPPSI-1K3K	PAPPSI-1K3KLF	PAPPSI-1K3KRMV	PAPPSI-1K3KRLF
Liebert PSI5 5KVA	PAPPSI-5K	PAPPSI-5KLF	PAPPSI-5KRMV	PAPPSI-5KRLF
Liebert PSI5 EXTERNAL BATTERY CABINETS	PAPPSI-BATT	-----	PAPPSI-BATTRMV	

Power Start-up Services

Startup service Only	Standard	With Removal
Equipment Model / Type	Part Number	Part Number
Liebert PSI5 UP TO 3KVA	SUPSI-1K3K	SUPSI-1K3KRMV
Liebert PSI5 5KVA	SUPSI-5K	SUPSI-5KRMV
Liebert PSI5 EXTERNAL BATTERY CABINETS	SUPSI-EXTBTCB	SUPSIEXTBTCBRMV

Power Emergency Services

5-Year On-site Emergency Coverage - Only	Standard	With Vertiv™ LIFE™ Services
Equipment Model / Type	Part Number	Part Number
Liebert PSI5 750 and 800VA	PEPPSI-8005Y	PEPPSI-8005Y
Liebert PSI5 1000 and 1100VA	PEPPSI-11005Y	PEPPSI-11005Y
Liebert PSI5 1500VA	PEPPSI-15005Y	PEPPSI-15005Y
Liebert PSI5 2200VA	PEPPSI-22005Y	PEPPSI-22005Y
Liebert PSI5 3000VA	PEPPSI-30005Y	PEPPSI-30005Y
Liebert PSI5 5000VA	PEPPSI-5K5Y	PEPPSI-5K5Y
Liebert PSI5 24VBATT EXT BATT CABINET	PEPPSI-24VBATT	PEPPSI-24VBATT
Liebert PSI5 48VBATT EXT BATT CABINET	PEPPSI-48VBATT	PEPPSI-48VBATT
Liebert PSI5 72VBATT EXT BATT CABINET	PEPPSI-72VBATT	PEPPSI-72VBATT

Vertiv™ Liebert® PSI5 UPS

Power Assurance Package - Summary

- Includes all below "Power Start-up Services" and "Power Emergency Services" support
- One Preventative Maintenance visit after 3rd year (5kVA UPS only)

Power Startup Services - Summary

- Installation includes mounting and start-up of new UPS or EBC (excludes hard-wired applications)
- Services performed by Vertiv factory trained technician
- Services performed 7 X 24, excluding national holidays within the 48 contiguous states and Hawaii
- Removal and disposal of existing UPS or EBC equipment, if selected

Power Emergency Services - Summary

- On Site Service Support
- Full-service five (5) year contract term commencing upon the start-up date
- 100% parts coverage, including internal batteries, Pod and web card
- 100% labor and travel coverage 7 days/week, 24 hours/day
- 24-Hour Customer Resolution Center via 1-800-LIEBERT
- Access to Customer Services Network portal

Vertiv™ LIFE™ Services includes above plus:

- Continuous Monitoring, Expert Analysis, and Proactive Response

Note: Vertiv LIFE Services requires a Network card.
Please refer to the Scopes of Work for full and additional details.

Vertiv™ Liebert® PSI5 Extended Warranty (800-5000 Va; 120 Vac & 208 Vac)		
	Warranty Extension List Pice	
	Additional 1 Year	Additional 3 Years
UPS Model Number	Warranty Part Number	Warranty Part Number
2U Rack/Tower UPS Models		
PSI5-800RT120(N)	1WEPSI5-800	3WEPSI5-800
PSI5-1100RT120(N)	1WEPSI5-1100	3WEPSI5-1100
PSI5-1500RT120(N)	1WEPSI5-1500	3WEPSI5-1500
PSI5-2200RT120(N)	1WEPSI5-2200	3WEPSI5-2200
PSI5-3000RT120(N)	1WEPSI5-3000	3WEPSI5-3000
PSI5-5000RT208(N)	1WEPSI5-5000	3WEPSI5-5000
Mini Tower UPS Models		
PSI5-750MT120(N)	1WEPSI5-750	3WEPSI5-750
PSI5-1100MT120(N)	1WEPSI5-1100	3WEPSI5-1100
PSI5-1500MT120(N)	1WEPSI5-1500	3WEPSI5-1500
1U Rack Mount UPS Models		
PSI5-1000RM1201U(N)	1WEPSI5-1000	3WEPSI5-1000
PSI5-1500RM1201U(N)	1WEPSI5-1500	3WEPSI5-1500
External Battery Cabinets		
PSI5-24VBATT	1WEPSI5-24VBATT	3WEPSI5-24VBATT
PSI5-48VBATT	1WEPSI5-48VBATT	3WEPSI5-48VBATT
PSI5-72VBATT	1WEPSI5-72VBATT	3WEPSI5-72VBATT
Note: Extended warranties can only be ordered when ordering the UPS and prior to shipment.		

UPS Runtime Tables

Runtimes with EBCs are available at:
https://www.vertiv.com/en-us/support/tools-applications/vertiv-ups-interactive-runtime-tools/liebert-psi5-ups-runtime-tool/