VERTIV™

Vertiv™ Liebert® ITA2 Three Phase UPS with Battery Flexibility (VRLA/Li-ion)

8 and 10kVA 208V/220V Rack/Tower

Online Double-Conversion UPS offers the Highest level of Power Protection

LIB
Lithium-ion Batteries

5-YEAR ADVANCED REPLACEMENT WARRANTY
VERTIV

EPP✓
Equipment Protection Plan

RoHS 2002/95/EC

energy ENERGY STAR

vmware® PARTNER
STANDARD TECHNOLOGY ALLIANCE

Intelligent and efficient Small Three-Phase UPS solution available in both VRLA & Lithium-Ion Batteries

For three-phase critical systems 10kVA and under, consider the Vertiv™ Liebert® ITA2 UPS. It stabilizes power to protect systems and data. Professionals can define the feature set they need to meet their IT performance goals.

- Compact UPS system with an intuitive control panel can be used in rack/tower form factor. Support base provides convenient and stable placement on the floor.

- Optimized modules minimize space used in the rack.

- Adjustable display panel ensures readable and ease of use.

- Configuration easily extends to batteries and the maintenance bypass cabinet.

Flexible, Reliable and Functional

The Liebert® ITA2 offers a space-saving design to meet your power needs. Options are available to address specific runtimes, distribution, and availability requirements.

What's In The Box?

- UPS
- Tower Stand
- USB Cable
- Quick Installation Guide
- Safety Instructions
- Adjustable 4-Post Rack Mounting kit

- Copper jumpers for single input configuration
- Vertiv™ Power Insight Management Software (free download from Vertiv.com)
- IS-Unity DP communication card

Overview

The Liebert ITA2 is an online UPS designed to power three-phase (in/out), 208/220V IT systems simply, reliably, and economically.

Key Benefits

- Optional lithium batteries
- Flexible placement. Use inside a rack or in a tower configuration
- Compact, high-power density
- Easy to install and manage
- High power factor maximizes the usable power
- Operates efficiently to save energy % and PF (Power Factor)
- Optimized maintenance bypass maintains power, even during servicing (optional)
- Extended battery runtimes available
- Flexible, easy to configure power distribution

Ideally Suited For Powering Many IT Systems

- IT closets, servers and more
- Branch, small-midsize IT systems
- Medical/lab testing equipment
- VoIP
- ISDN & frame relay applications
- Storage systems
- Security systems
- Light industrial
- Replacement for aging UPS

2

Vertiv™ Liebert® ITA2-UPS-Versatile and Supports Multiple Critical Applications
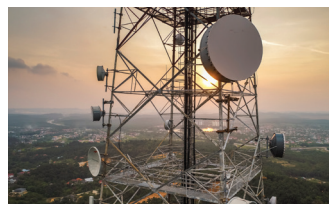
Key Applications

IT
- Servers
- Networking equipment
- Data storage

Finance
- Branch offices
- Closed-circuit televisions and data protection
- ATMs

Telecom
- 5G mobile stations
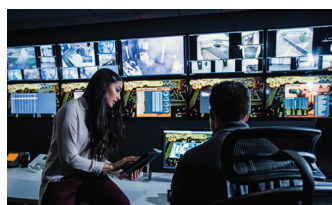- Access and "last mile"
- Small control rooms

Industrial
- Manufacturing sites
- Control equipment and programmable logic controllers (PLCs)
- Data and networking equipment

Education
- Networking closets
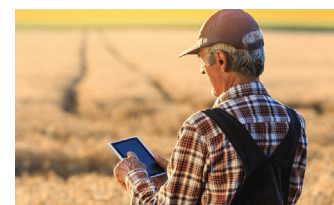- Networking equipment
- Office protection

Government
- Distributed offices
- Closed-circuit television (CCTV) and data protection
- Small server and storage rooms

Retail
- Point of sale systems
- Networking and wiring closets
- Security and voice over internet protocol (VoIP) telephony

Edge
- Distributed cloud services
- Content providers
- Sensors and data stations

Vertiv™ Liebert® ITA2 Three Phase UPS with Battery Flexibility (VRLA/Li-ion)

High Performance and High Availability

- **1.0 Output Power Factor (PF):** Provides more useable power enabling you to connect more equipment saving you money and space.
- **Power Factor Correction:** Prevents noise, harmonics, and distortion from being transferred to connected loads or fed back to the utility.
- **Advanced Warning Status:** Receive early audible and visual alarms warning you of system status to alert you to an input voltage, output overload, low battery, or battery replacement condition.
- **Wide Input Voltage Range:** Prolong battery life by allowing the UPS to maximize the use of the utility power before transferring to battery.
- **Extended Runtime:** VRLA (2U): Up to 5 strings (or 5 pairs of external battery cabinets) gives maximum runtime up to 67 min @ full load and 143 min at half. Lithium: Up to 8 strings (or 8 pairs of 1U external battery cabinets) give maximum runtime of 94 min at full load and 188 min at half load.
- **High Efficiency:** Operates up to 93% in normal (online) operating mode and up to 99% in Eco mode.
- **Lightning and Surge Protection:** The transient voltage surge suppression circuitry inside the Liebert® ITA2 provides additional protection for the connected equipment.

Superior Battery Technology and Flexibility

- **Hot-Swappable, User-Replaceable Batteries:** Increase product life and reliability with both VRLA and Li-ion batteries that can be easily replaced without disrupting power to connected equipment and minimize downtime.
- **Safe and Reliable:** Both VRLA and Li-ion ensure safety and reliability. Lithium-Ion (LiFePO4) battery chemistry is safest and integrated battery management system (BMS) also ensures safe and reliable operation.
- **Environmentally Friendly:** significantly reduce battery disposal and recycling with lower replacement rates. *[Refer to Vertiv™ Battery Recycling Program]*

Lithium-Ion Batteries:

LIB
Lithium-ion Batteries

- **Fewer Battery Replacements:** Lithium-Ion batteries require fewer battery replacements and last on average up to 3 times as long as traditional VRLA batteries reducing maintenance, labor, and replacement costs (lower TCO).
- **More Discharge Cycles:** Lithium-Ion batteries deliver up to 10 times more charge / discharge cycles than VRLA batteries.
- **Fast Recharge:** Lithium-Ion batteries recharge twice as fast as traditional VRLA batteries getting you back to 90% in as little as 2 hours.
- **Lighter Weight:** Lithium-Ion batteries are 45% lighter making it ideal for smaller spaces and wall-mount racks.

RELIABLE PROTECTION

Enhanced Manageability

COLOR LCD

- **LCD Display:** User-friendly full-color LCD interface with gravity sensing orientation simplified installation and configuration while also providing instant at-a-glance status and insights.
- **Remote Management:**
  - Vertiv™ Power Insight – Liebert® RDU101 card included for web/SNMP manageability.
  - Vertiv™ Environet™ Alert - Monitors and analyzes thousands to millions of points of data of all Vertiv and 3rd party devices.
- **Remote Emergency Power Off:** Remotely shutdown the UPS during an emergency.

Build your Infrastructure Solution with Vertiv

Vertiv™ VR Rack
Supports a wide variety of equipment and gives you the flexibility you need with easy installation

Vertiv™ Geist™ rPDU
Reliably distributes power to the rack, supporting dynamic data center operations and DCIM

Vertiv™ SwitchAir™
Prevents overheating of network switches by directing cool air to switch intakes, keeping hot exhaust air out

Vertiv™ ACS Console
Enables integrated remote monitoring, out-of-band management, and IoT connectivity

Vertiv™ KVM Switch
Enables single-point access for switching between multiple computers

Vertiv™ Liebert® ITA2 Maintenance Bypass Cabinet
Enables availability and flexibility to deploy power distribution options

Vertiv™ Liebert® ITA2 UPS
Helps protect mission-critical equipment from all power disturbances due to blackouts, brownouts, sags, surges or noise interference

Accessories

Racks and Enclosures:
Support a wide variety of equipment with the Vertiv VR Rack including servers, storage, switches, routers, PDUs, UPS units, console port servers, and KVM switches.

Rails and mounting hardware:
Install equipment with a four-post rail kit and hardware for mounting in a 19- or 23-inch rack.

Rack mount PDU's: For basic or intelligent power distribution that helps prevent overloaded circuits in the data center, choose from products such as upgradeable PDU's, inline power meters, transfer switches, and monitoring sensors.

Extended Battery Modules:
Enable scalable runtime for support during extended power outage situations by adding reliable power and protection to new or existing deployments.

Environmental sensors: Maintain knowledge of remote environments with temperature, humidity and leak detection, or monitor available dry-contact sensors for security access control or smoke detection.

Vertiv™ Liebert® ITA2 MPL UPS with Lithium-Ion provides the highest level of power protection for your business-critical IT applications.

Small Three Phase UPS with High Performance Online Power Protection

The Liebert® ITA2 MPL double conversion online UPS with Lithium-Ion batteries provides both the highest level of power conditioning and battery backup for business- critical IT equipment such as business network gear and servers ensuring your mission-critical applications are protected in the event of an unanticipated loss of power or an unprecedented power surge.

The Liebert ITA2 MPL UPS with Lithium-Ion protects against the widest range of power fluctuations and automatically switches to battery backup when power loss is detected. With a 1.0 power factor (PF) and no transfer time to operation on battery, you can ensure your most critical assets are protected.

Protects Against

| Outages	Sags	Surges	Spikes	Translent	Under-Voltage	Over-Voltage

The rack/tower convertible design of the Liebert ITA2 Lithium-Ion UPS makes it ideal for edge or distributed IT applications where floor space is at a premium. It is a true low-maintenance, set-it and forget-it solution ideal for remote locations with limited onsite technical resources.

Vertiv™ Liebert® ITA2-MPL UPS with Lithium-Ion Overview

- 8000VA & 10000VA UPSs in a rack/tower convertible form factor

- ITA2-MPL offers 1U & 2U lithium-Ion battery cabinets

- Standard 5-year warranty on lithium batteries provides peace of mind that your investment is protected against potentially costly equipment failures

- Achieve the lowest total cost of ownership over the lifetime of the UPS with fewer battery replacements and up to 10 years of useable life

- Hot-swappable, user-replaceable batteries increase the useable life of the UPS by allowing you to easily replace the batteries without disrupting power to connected equipment

- 2 Battery cabinets are required to establish the battery string (DC bus) which can give an 8kVA UPS up to (1U=14 mins) and (2U=28 mins) at full load

- Lithium-Ion battery technology offers better performance in high temperature environments (50°C) supports up to 10 times more discharge cycles, and delivers faster recharge times compared to VRLA batteries
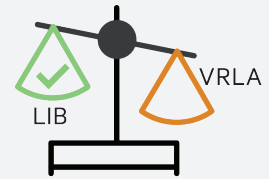
Why should you choose Lithium-Ion Technology?
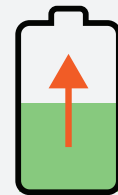
Longer Life

up to x3

VRLA   LIB
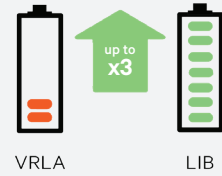
Lowest TCO

Small and Lighter

VRLA

LIB

Longer Runtime

Environmentally Friendly

Fast Battery Recharge

5-Year Warranty
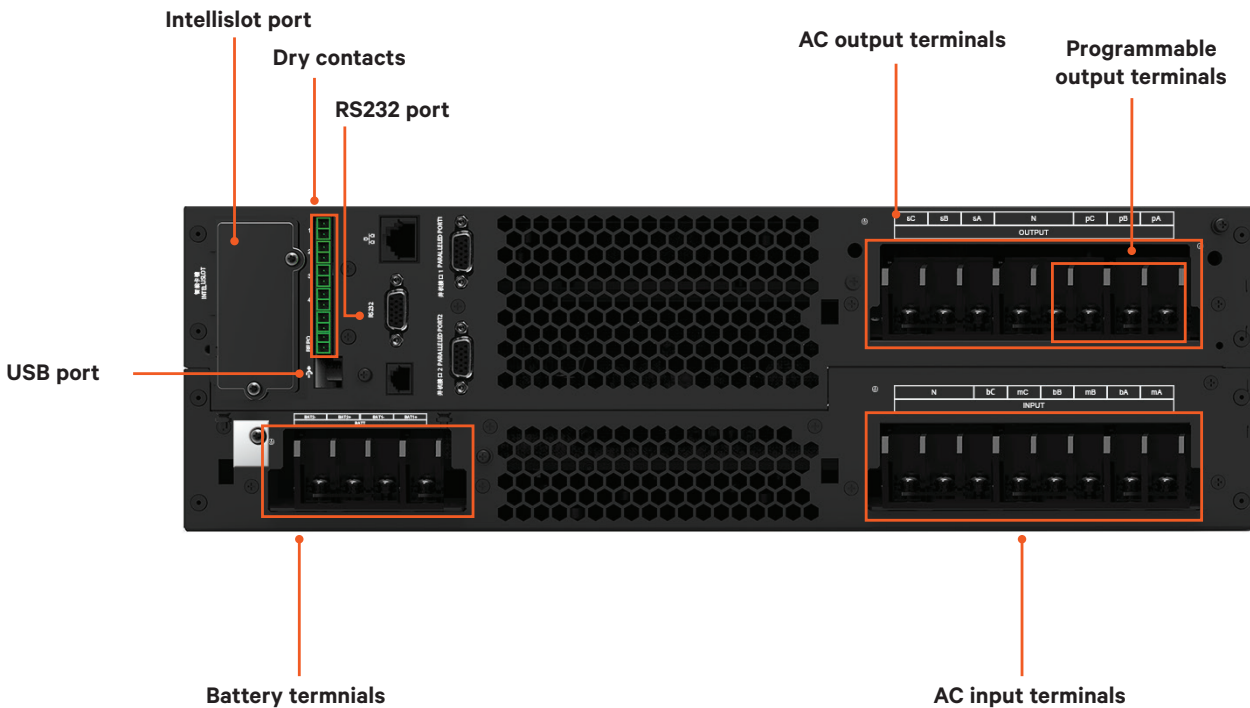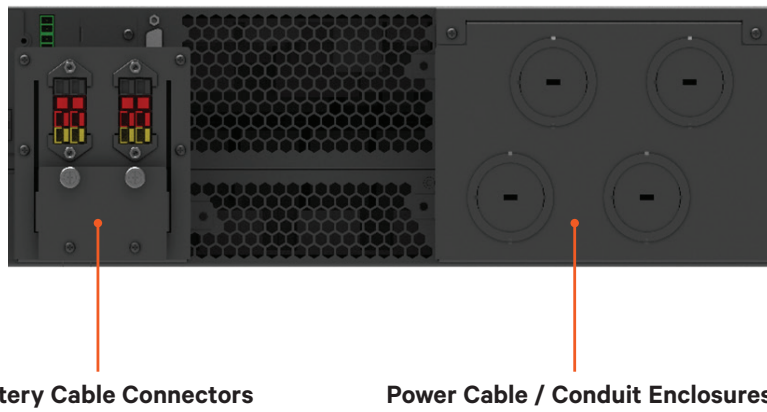
Vertiv™ Liebert® ITA2 Power Module, External Batteries and External Maintenance Bypass Features

Each Liebert® ITA2 UPS (8&10kVA) can be used with an external maintenance bypass with power distribution options. This enables UPS service or removal without disrupting power to the connected equipment.

High power factor (1.0)

More usable power enables more connected loads saving space and costs.

External Maintenance Bypass Cabinet (MBC)

Facilitates UPS maintenance or replacement, if needed, without having to shutdown the connected equipment.

Efficiency (up to 93%) in online mode

Energy Star 2.0 certification. Higher efficiency means an optimized energy management and lower heat dissipation, for energy savings and improved reliability.

Factory Installed Network Card

Liebert® IS-UNITY DP card enables remote management

EXTERNAL MBC

ITA2 UPS

EXTERNAL BATTERIES

External Battery Cabinets with auto-detection

Be confident the UPS is set up correctly to report available runtime when used with external battery cabinets.

Product warranty

Comprehensive coverage through a standard five-year advanced exchange warranty.

Supreme Power Density

Space-saving UPS and optional 1U external battery packs let you optimize rack space and battery runtime.

Vertiv™ Liebert® ITA2 Display and Connections

Display panel

Ventilation holes

LED indicators

Functional keys

Battery Cable Connectors

Power Cable / Conduit Enclosures

Intellislot port

Dry contacts

RS232 port

AC output terminals

Programmable output terminals

USB port

Battery termnials

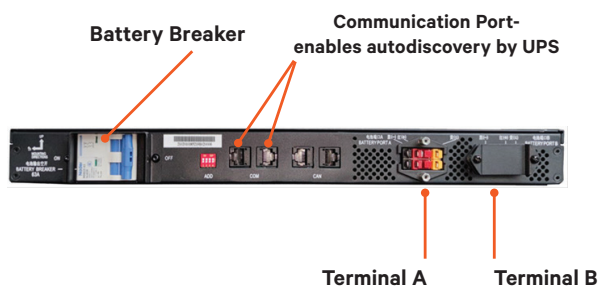AC input terminals
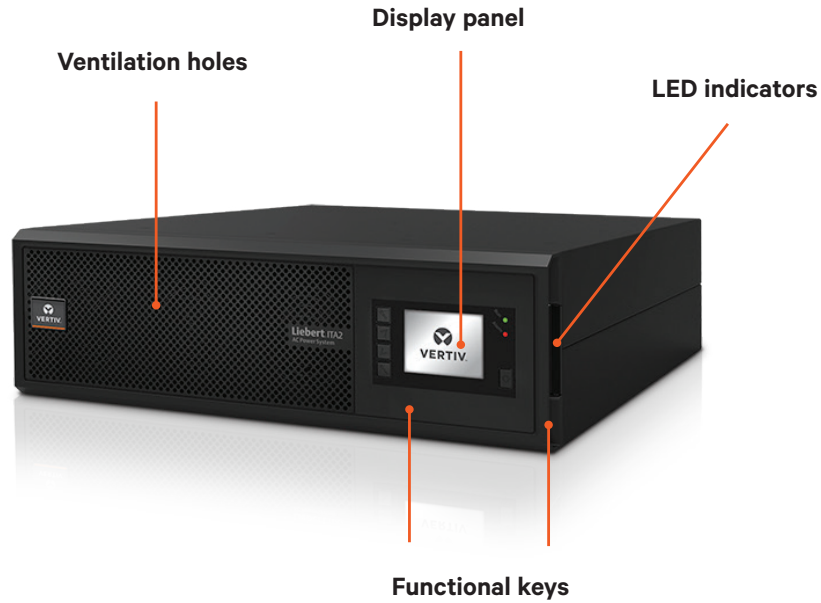
Vertiv™ Liebert® ITA2 External Battery Cabinet Options

[Liebert® ITA2 UPS does not contain internal/replacement battery kits]

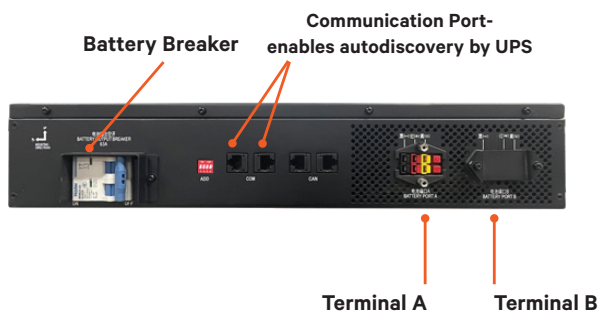## External Battery Cabinet: VRLA (2U)

Battery Breaker

Communication Port- enables autodiscovery by UPS

Terminal A　　**Terminal B**

External Battery Cabinet: Li-Ion (1U)

Battery Breaker

Communication Port- enables autodiscovery by UPS

Terminal A　　**Terminal B**
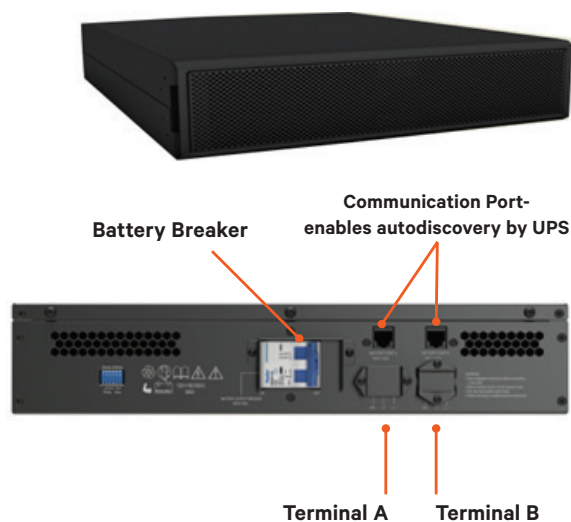
External Battery Cabinet: Li-Ion (2U)

Battery Breaker

Communication Port- enables autodiscovery by UPS

Terminal A　　**Terminal B**

Scalable Backup Run Time

1 string or 1 Pair

2 strings or 2 Pairs

All Liebert® ITA2 EBC's come in strings/pairs.

Note:

- For both VRLA and Li-Ion, each string consists of 2 external battery cabinets.

- The string is split to reduce the weight of each component and for ease of installation.

- For VRLA: Each cabinet is 2U in height

- For Li-ion: There are 1U and 2U battery cabinet options

More of What You Need: High Power Density

The Vertiv™ Liebert® ITA2 is designed with a high power factor in a small footprint. This increased power density maximizes the usable power to meet the needs of advanced IT operations.
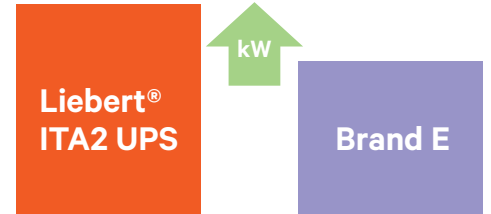
UPS

VRLA Battery Cabinet

2U MPL

Li-Ion battery cabinet

Get Up to 10% More Power

Liebert® ITA2 UPS

kW

Brand E

Maintenance Bypass Cabinet Enables Availability and Flexibility

Utilize the optimized maintenance bypass option to enhance availability and keep your critical systems running during routine service or replacement. A maintenance bypass interlock ensures proper bypass operation.

RIB **BIB**   **MBB** **MIB**

**Maintenance Bypass Interlock-
Forces UPS to Static Bypass**
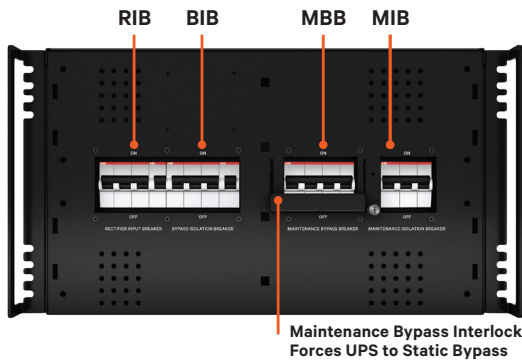
Front view (panel off) offers easy access to breakers

Rear view with I/O connections and Power Output Distribution options (hardwire and/or PODs)

Power Distribution: Easier, Faster, Less Costly Deployment

Fast, flexible and easy to deploy power output distribution options can be quickly matched for specific power requirements. Hardwired is standard, with several integrated options to obtain convenient receptacle connectivity.

[For Liebert® ITA2 UPS PODS can be used only with the Maintenance Bypass Cabinet.]

Distribution Option	Qty Of Receptacles	Part Number
Hardwire	-	Does Not Apply
L21-30R	2	PD3-001
L21-20R	2	PD3-009
L6-30R	6	PD3-002
L6-20R	6	PD3-006
L5-30R	6	PD3-003
L5-20R	6	PD3-005
IEC60309 3W+G	1	PD3-004
IEC60309 4W+G	1	PD3-011

Mix and match POD assemblies to power different loads. Refer to your Rack PDU for details.

Vertiv™ Liebert® ITA2 UPS and Maintenance Bypass –Bundled SKU's
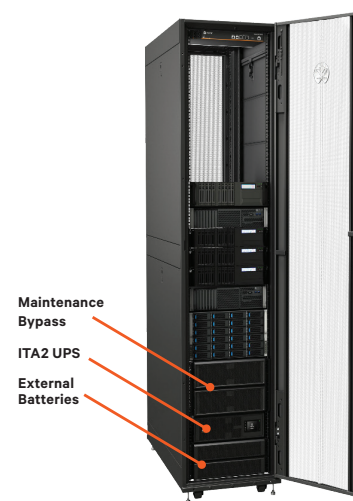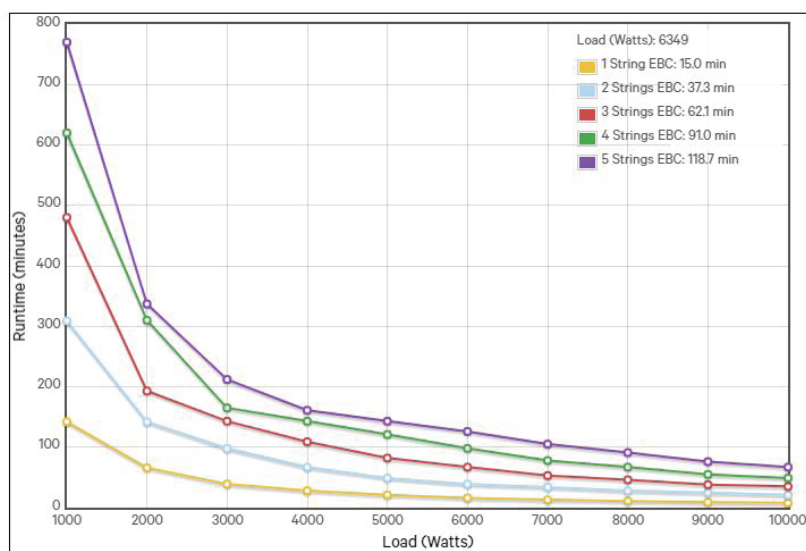### *[Available only through Broadline Distribution]*

Bundled SKU's	Rating	Input & Output Connections	Description	Included SKU's	Runtime (mins.)		Recommended Breaker Size	Recommended Wire Size	Recommended Lugs	Number of Wires
					Full Load	**Half Load**				
VRLA										
ITA2-08KRT2087UN	8kVA/8kW	3PH, 4W+G Hardwired Input/Output	ITA2 8kVA RT UPS w/standard VRLA battery and IS-Unity Card	**ITA2-08KRT208C** **ITA2-BCI0020K02**	13.1	33	30A	8AWG	McMaster-Carr: 7113K444	5 (L1-L2-L3-N-G)
									Thomas& Betts: RDV717	
									Tyco Electronics: 132331-1	
ITA2-10KRT2087UN	10kVA/10kW	3PH, 4W+G Hardwired Input/Output	ITA2 10kVA RT UPS w/standard VRLA battery and IS-Unity Card	**ITA2-10KRT208C** **ITA2-BCI0020K02**	8	21.1	50A	6AWG	McMaster-Carr: 7113K366	5 (L1-L2-L3-N-G)
									Thomas& Betts: RE6-14	
Lithium Ion										
ITA2LI-08KRT2085UN	8kVA/8kW	3PH, 4W+G Hardwired Input/Output	ITA2 8kVA RT UPS w/Lithium battery and IS-Unity Card	**ITA2-08KRT208C** **ITA2-BCI0020KL1**	14	28	30A	8AWG	McMaster-Carr: 7113K444	5 (L1-L2-L3-N-G)
									Thomas & Betts: RDV717	
									Tyco Electronics: 132331-1	
ITA2LI-10KRT2085UN	10kVA/10kW	3PH, 4W+G Hardwired Input/Output	ITA2 10kVA RT UPS w/Lithium battery and IS-Unity Card	**ITA2-10KRT208C** **ITA2-BCI0020KL1**	10	22	70A	3AWG	McMaster-Carr: 7113K366	5 (L1-L2-L3-N-G)
									Thomas & Betts: RE6-14	
Maintenance Bypass										
ITA2-08KMBC6USL4	8kVA	–	ITA2 8kVA MBC w/UPS interconnect cables	**ITA2-08KMBC40** **ITA2-08KMBCSL4**	–	–	–	–	–	–
ITA2-10KMBC6USL5	10kVA	–	ITA2 10kVA MBC w/UPS interconnect cables	**ITA2-10KMBC40** **ITA2-10KMBCSL5**	–	–	–	–	–	–

In addition to the above bundled SKU's more batteries can be determined and selected according to the runtime needed with the help of 'Liebert® ITA2 Battery Sizing tool':

Liebert® ITA2 Battery Sizing Tool

https://www.vertiv.com/en-us/support/tools-applications/vertiv-ups-interactive-runtime-tools/liebert-ita2-ups-runtime-tool/

Vertiv™ Liebert® ITA2 UPS

2U VRLA Battery Run Time Charts (8 and 10kVA)

Ups Model	Battery String Qty	Load Level									
		100% 8kW	90% 7.2kW	80% 6.4kW	70% 5.6kW	60% 4.8kW	50% 4kW	40% 3.2kW	30% 2.4kW	20% 1.6kW	10% 0.8kW
8kVA VRLA	1	13	15	18	21	26	33	40	56	101	166
	2	33	36	40	49	61	76	102	135	167	345
	3	52	61	71	82	103	126	147	167	314	650
	4	76	91	103	121	137	152	181	227	347	870
	5	103	112	130	143	156	181	219	318	540	1000

Ups Model	Battery String Qty	Load Level									
		100% 10kW	90% 9kW	80% 8kW	70% 7kW	60% 6kW	50% 5kW	40% 4kW	30% 3kW	20% 2kW	10% 1kW
10kVA VRLA	1	8	9	11	13	16	21	28	39	66	142
	2	21	25	28	34	39	49	67	98	142	309
	3	35	38	46	53	67	82	109	143	193	480
	4	49	55	67	78	98	121	143	165	310	620
	5	67	76	91	105	126	143	161	212	337	770

1U & 2U Lithium Battery Run Time Charts (8 and 10kVA)

Ups Model	Battery String Qty	Load Level									
		100% 10kW	90% 9kW	80% 8kW	70% 7kW	60% 6kW	50% 5kW	40% 4kW	30% 3kW	20% 2kW	10% 1kW
10kVA 1U Lithium	1	10	12	14	16	19	22	28	37	53	96
	2	22	25	28	32	38	45	57	74	111	210
	3	34	38	43	50	58	70	86	112	166	318
	4	46	51	58	67	78	94	115	149	219	426
	5	58	64	73	84	98	117	145	188	275	537
	6	71	78	89	101	119	142	175	225	332	640
	7	83	92	103	117	139	165	204	265	388	750
	8	94	105	117	135	158	188	234	305	445	850

Ups Model	Battery String Qty	Load Level									
		100% 10kW	90% 9kW	80% 8kW	70% 7kW	60% 6kW	50% 5kW	40% 4kW	30% 3kW	20% 2kW	10% 1kW
10kVA 2U Lithium	1	20	22	28	32	36	46	56	76	118	222
	2	44	50	56	64	78	92	116	156	242	448
	3	68	76	88	100	118	144	178	240	364	674
	4	94	104	116	134	158	194	240	322	484	894
	5	118	132	144	168	198	244	302	404	604	1114
	6	142	160	172	202	238	294	364	486	724	1334
	7	166	188	200	236	278	344	426	568	844	1554
	8	190	216	228	270	318	394	488	650	964	1774

Ups Model	Battery String Qty	Load Level									
		100% 8kW	90% 7.2kW	80% 6.4kW	70% 5.6kW	60% 4.8kW	50% 4kW	40% 3.2kW	30% 2.4kW	20% 1.6kW	10% 0.8kW
8kVA 1U Lithium	1	14	15	17	19	23	28	35	43	66	113
	2	28	31	35	38	47	57	71	92	138	246
	3	43	48	53	58	72	86	107	137	207	373
	4	58	64	72	78	97	115	143	181	273	499
	5	73	81	91	98	122	145	181	228	343	629
	6	89	98	111	119	148	175	218	275	415	749
	7	103	115	128	139	173	204	255	322	485	878
	8	117	131	146	158	197	234	292	369	556	995

Ups Model	Battery String Qty	Load Level									
		100% 8kW	90% 7.2kW	80% 6.4kW	70% 5.6kW	60% 4.8kW	50% 4kW	40% 3.2kW	30% 2.4kW	20% 1.6kW	10% 0.8kW
8kVA 2U Lithium	1	28	29	35	38	47	56	73	97	138	260
	2	56	61	72	76	97	116	151	200	280	525
	3	88	97	111	119	150	178	227	302	421	789
	4	116	131	150	161	201	240	302	401	558	1046
	5	144	164	188	202	252	302	377	501	696	1304
	6	172	197	227	244	303	364	452	600	833	1561
	7	200	230	266	285	355	426	527	700	971	1819
	8	228	263	305	327	406	488	602	800	1108	2076

Vertiv™ Liebert® ITA2 UPS Specifications

ITEM		8kVA	10kVA
Part Number		ITA2-08KRT208C	ITA2-10KRT208C
Input 3 Phase	Rated Voltage	208/220 VAC, 3 Phase, 4W+Gnd	
	Voltage Range	96VAC ~ 144VAC	
	Rated Frequency	60Hz	
	Frequency Range	40Hz~70Hz	
	Power Factor	≥0.99, at full load; ≥0.98, at half load	
Output 3 Phase	Rated Power	7.2kW	10kW
	Power Factor	.9	1
	Voltage	208/120VAC or 220/127VAC (3 Phase, 4W + Gnd)	
	Frequency Synchronization Range	Rated frequency ± 3Hz. Configurable range: ±0.5 Hz~±5Hz	
	Frequency Track Rate	0.5Hz/s. Configurable range: 0.2/0.5/1Hz/s (single UPS), 0.2Hz/s (parallel system)	
	Crest Factor	3:1	
	Voltage Harmonic Distortion	<4% (linear load); <5% (non-linear load)	
	Dynamic Response Recovery Time	60ms	
	Overload Capacity	At 25˚C: 105% ~ 125%, 5 min; 125% ~ 150%, 1 min; 150%, 200ms	
	Bypass Voltage	Upper Limit: +10% Lower Limit: -10%, -15%, -20%; default -10%	
	AC-AC Efficiency	Up to 93%	
Battery	Type	Sealed, Lead-Acid, Maintenance-Free, VRLA or Lithium	
	Cell No.	192 by default	
	Rated Voltage	384VDC	
	Maximum Charge Current, A	<3.5A	
Transfer Time	Utility to Battery	1.8	3.5
	Inverter to Bypass	Synchronous Transfer: ≤0ms Asynchronous Transfer (default): ≤20ms or 40ms, 60ms, 80ms, 100ms and 200ms are available	
Noise		<55dB	
Panel Display Mode		Color LCD	
Safety		IEC/EN62040-1; UL/CSA, cULus (UL 1778 5th Edition, CSA No. 22.2 107.3)	
EMC	Conduction Emission	IEC/EN62040-2	
	Harmonic Current	IEC/EN61000-3-12	
Surge Protection		IEC/EN-61000-4-5, Endurance Level 4 (4kV) (live line to earth), Level 3 (2kV) (during live lines); ANSI C62.41, 6kV/20hms	
Protection Level		IP20	
Ambient Condition	Operating Temperature	32~122˚F (0~50˚C) (0.7 will be derated above 122˚F [50˚])	
	Storage Temperature	32 ~ 122°F (0 ~ 50°C), no derating	32 ~ 122°F (0 ~ 50°C), automatic derating to 8kVA/kW above 104°F (40°C)
	Relative Humidity	5%RH~ 95% RH, non-condensing	
	Altitude, ft. (m)	Sea Level to 10,000 ft. (3000m) without derating	
Dimensions, W x D x H, in. (mm)	UPS	16.9 x 25.8 x 5.1 (430 x 656 x 130)	
	VRLA Battery Cabinet - ITA2-BCI0020K02 (Quantity of 2)	16.9 x 29.6 x 3.3 (430 x 751 x 85) per cabinet	
	1U Li-Ion Battery Cabinet - ITA2-BCI0020KL1 (Quantity of 2)	16.9 X 29.13 X 1.67 (430x740x42.5) per cabinet	
	2U Li-Ion Battery Cabinet - ITA2-BCI0020KL2 (Quantity of 2)	16.9 x 26.77 x 3.35 (430x680x85) per cabinet	
	Maintenance Bypass Cabinet (MBC)	16.9 x 22.4 x 10.3 (430 x 570 x 261)	
Weight, lb. (kg)	UPS	Net: 50.7 (23) Shipping: 70.5 (32)	
	VRLA Battery Cabinet	Net: 115 (52.2) each Shipping: 306.4 (139)	
	1U Li-Ion Battery Cabinet	Net: 44.09 (20) Shipping: 165.3 (75)	
	2U Li-Ion Battery Cabinet	Net: 70.5 (32) Shipping: 229.3 (104)	
	MBC	Net: 39.7 (18.02) Shipping: 59.5 (27)	

Available Accessories for the Vertiv™ Liebert® ITA2 UPS

External battery cabinets and replacement battery kits

UPS	External battery cabinets	Internal / Replacement Battery Kits
ITA2-08KRT208C	ITA2-BCI0020K02 (Qty. of 2) VRLA	N/A
	ITA2-BCI0020KL1 (Qty. of 2) For (1U) Li-Ion	
ITA2-10KRT208C	ITA2-BCI0020K02 (Qty. of 2) VRLA	N/A
	ITA2-BCI0020KL1 (Qty. of 2) For (1U) Li-ion	

EBCs are hot-swappable, user-replaceable to allow for the full EBC to be replaced, as needed. Up to 5 pairs of VRLA EBCs can be used per UPS and up to 8 pairs of Li-Ion EBC's can be used per UPS.
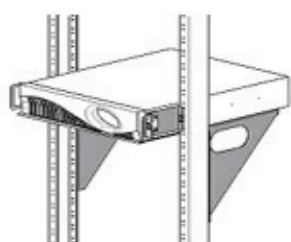
Center mounting
(RS600 & RS800)

Flush mounting
(RS500 & RS700)

Fixed Rail Kits for all Liebert® ITA2
Rack-Tower Models (ITA2-RMKIT)

Rack Mounting Kit Options

Application	Model Supported	Style	Model	Description
2 Post Rack (One shelf required for each cabinet in the system)	Liebert® ITA2 UPS (8kVA and 10kVA)	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
4 Post , Fixed Mounting Rails(Included as standard with Liebert® ITA2 UPS and EBC models	Liebert® ITA2 UPS (8kVA and 10kVA)	Bracket	ITA2-RMKIT	Rail kits are adjustable from 17.5" – 32.5" and includes hardware for mounting fixed rails to rack assembly

Note: RS600 and RS800 kits include adapter brackets for mounting the Liebert® ITA2 Models.

Network communications and environmental sensors (standard on Liebert® ITA2 8000 and 10000VA models)

Network Communications	IS-Unity DP	Intellislot™ web card for SNMP and web management. Supports environmental sensors.
	IS-RELAY	Intellislot™ Interface Kit for Relay Contacts
Environmental Sensors (Compatible with optional Liebert® network card IS-UNITY DP)	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
UPS manageability options	Vertiv™ Power Insight Software Management	Vertiv™ Power Insight is a complimentary web-based software designed to monitor up to 100 Vertiv™ UPSs and Vertiv™ rPDUs

Intelligent Communications

The Vertiv™ Liebert® ITA2 offers an intuitive control panel, network connectivity communications card and optional software monitoring, all designed to ensure visibility, control and peace of mind for manned or unmanned locations. You can even monitor key environmental and room conditions.

Vertiv™ Power Insight

Vertiv Power Insight is an application that can monitor your Vertiv™ Liebert® UPS systems and provide real-time trending for critical UPS performance management. In the event of a need to shutdown the UPS, the software ensures a graceful shutdown routine so no damage occurs to the data or systems.

Service and Support

We get you started and keep you going. Only Vertiv Services can provide the degree of support required to ensure the availability needed for critical systems. Several programs are available to meet the needs of your operation.
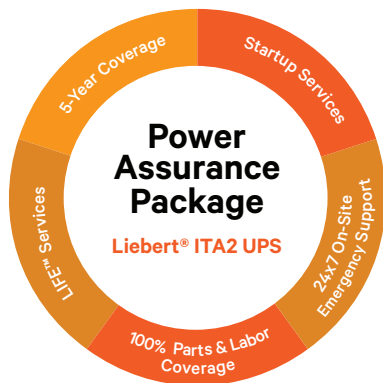
*Vertiv™ Liebert®
Power Assurance Package*

The Power Assurance Package from Vertiv Services gives you a trusted partner and a complete, worry-free power protection solution to assure uptime at your small or remote IT sites.
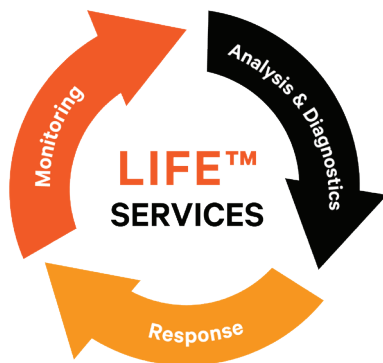
Vertiv™ LIFE™ Services

Vertiv™ LIFE™ Services provides secure, remote monitoring by experts to provide early detection and response.

This UPS can monitor:

- Capacity
- Temperature
- Humidity
- Access
- Leaks

IS-Unity card - Supports remote and local environmental monitoring. Compatible with Vertiv™ Environet™ Alert and Vertiv™ Power Insight. Connect to IT networks and building management systems (BACNET/MODBUS).

Vertiv also has a full line of racks and rack PDUs.

Technical Support / Service

Website: www.Vertiv.com **| Monitoring:** Liebert.Monitoring@Vertiv.com | 800-222-5877 | Outside North America: +00800-1155-4499 **| Three-Phase UPS & Power Systems** 800-543-2378 | Outside North America: 614-841-6598

Liebert® ITA2 UPS- Power Assurance Services

Power Assurance Package

Bundled Start-up Service AND 5-Year On-site Emergency Response	Standard	With LIFE™ Services	With Removal	With LIFE™ and Removal
Equipment Model / Type	Part Number	Part Number	Part Number	Part Number
Liebert® ITA2 8-10 KVA	PAPITA-8-10K	PAPITA-8-10KLF	PAPITA-8-10KRMV	PAPITA-8-10KRLF
External Battery Cabinets-VRLA (192V)	PAPITA-BATT	N/A	PAPITA-BATTRMV	N/A
External Battery Cabinets-Lithium Ion (192V)	PAPITA-LI192VBATT	N/A	PAPITA-LI192VBATTRMV	N/A

Power Startup Services

Startup Service Only (7x24)	Standard	With Removal
Equipment Model / Type	Part Number	Part Number
Liebert® ITA2 8-10 KVA	SUITA-8-10U7	N/A
External Battery Cabinets-VRLA (192V)	SUITA-EXTBTCBU7	N/A
External Battery Cabinets-Lithium Ion (192V)	SUITA-EXTBTCBU7	N/A
Liebert® ITA2 8-10 KVA Maintenance Bypass Cabinet (MBC)	SUITA-MBC-U7	N/A

Startup Service Only Mon-Fri (8x5)	Standard	With Removal
Equipment Model / Type	Part Number	Part Number
Liebert® ITA2 8-10 KVA	SUITA-8-10MF85	N/A
External Battery Cabinets-VRLA (192V)	SUITA-EBC-MF85	N/A
External Battery Cabinets-Lithium Ion (192V)	SUITA-EBC-MF85	N/A
Liebert® ITA2 8-10 KVA Maintenance Bypass Cabinet (MBC)	SUITA-MBC-MF85	N/A

Power Emergency Services

5-Year On-site Emergency Coverage - Only	Standard	With LIFE Services
Equipment Model / Type	Part Number	Part Number
Liebert® ITA2 8-10 KVA	PEPITA-8-10K5YR	PEPITA-8K10KLF
External Battery Cabinets-VRLA (192V)	PEPITA-BATT5YR	N/A
External Battery Cabinets-Lithium Ion (192V)	PEPITA-LI192VBATT5YR	N/A

Liebert® ITA2 Extended Waranty (8-10KVA)

	Additional 1 Year	Additional 3 Years
	Warranty Part Number	Warranty Part Number
Liebert® ITA2 8 KVA	1WEITA2-08K208	3WEITA2-08K208
Liebert® ITA2 10 KVA	1WEITA2-10K208	3WEITA2-10K208
External Battery Cabinets-VRLA (192V)	1WEITA2-EBC	3WEITA2-EBC
External Battery Cabinets-Lithium Ion (192V)	N/A	N/A
Liebert® ITA2 8-10 KVA Maintenance Bypass Cabinet (MBC)	1WEITA2-MBC	1WEITA2-MBC