



Lithium-ion batteries provide longest life and reduced cost of ownership.

Model UPSVLI-700-1 shown



Output receptacles

Intelligent slot for optional communication card

Lithium-ion batteries provides up to 10 year battery life



Easy to Replace Battery
replace without interrupting the critical load

Lithium-ion batteries provide 2X the battery life, better performance at higher temperatures, and lower total cost of ownership compared to a typical UPS with lead-acid batteries. Longer battery life helps eliminate the cost of battery replacement, labor, shipping and recycling. The UPSVLI Series UPS is ideal for point-of-sale (POS), routers, switches, servers and network devices.

FEATURES:

- **Lithium-ion Batteries:** LiFePo4 batteries last up to 10 years or 2000 discharge cycles.
- **Redundant Protection:** Redundant Battery Management Systems (BMS) insure cell voltage balancing, current sharing, and protection from over-charge and over-discharge.
- **Output:** Pure sine wave output
- **Fast Recharge:** Recharge batteries in about 60 minutes after a full discharge.
- **Efficient Operation (96%):** High efficiency ECO mode lowers energy consumption.
- **Easy-to-Replace Battery:** Replace without interrupting the critical load.
- **Auto-Restart:** After full battery discharge, the UPS automatically restarts when utility power returns.
- **Power Rating:** 700VA, 1000VA or 1500VA (chart on next page)
- **High Temperature Operation:** Operates continuously at up to 113°F (45°C).
- **Warranty:** Five (5) year warranty on electronics and battery (U.S. and Canada)
- **Mounting:** Includes a pair of rackmount brackets (can also serve as tower pedestals).
- **UL, cUL, RoHS, TAA compliant**
- **A&E Specifications:** The uninterruptible power supply (UPS) shall be Lowell model _____, which shall have a 120VAC power rating and eight (8) NEMA 5-15R receptacles. It shall feature lithium iron phosphate (LiFePo4) 12.8V 6AH batteries with (1-4) internal battery strings. Runtimes shall be ___ minutes (50% load) or ___ minutes (100% load). Chassis dimensions shall measure 17.2 x 16.1 x 3.5 inches. It shall include a detachable 5-ft. power cord (5-15P to C13), front mount brackets and tower pedestals.

OPTIONS: (order separately)

- **ACSP-1502-VTE:** Advanced surge suppression in a compact form, the 15A device features three-stage protection against surges up to 72,000A, plus over/under voltage protection.
- **UPS-SNMP:** Internal card with software allows monitoring and control of remotely connected UPS from a web browser.
- **UPS-SNMP-EMP:** Environmental monitoring device for use with UPS-SNMP, detects variation in temperature, humidity, and presence of water.
- **UPS-RELAY:** Dry contact card (form C relay dry contact closures) for remote monitoring.

UPSVLI Series Summary:

MODEL NUMBER	DESCRIPTION
UPSVLI-700-1	Line interactive UPS w/Lithium Battery 700VA (420W), 1 battery string
UPSVLI-700-2	Line interactive UPS w/Lithium Battery 700VA (420W), 2 battery strings
UPSVLI-700-3	Line interactive UPS w/Lithium Battery 700VA (420W), 3 battery strings
UPSVLI-700-4	Line interactive UPS w/Lithium Battery 700VA (420W), 4 battery strings
UPSVLI-1000-1	Line interactive UPS w/Lithium Battery 1000VA (600W), 1 battery string
UPSVLI-1000-2	Line interactive UPS w/Lithium Battery 1000VA (600W), 2 battery strings
UPSVLI-1500-1	Line interactive UPS w/Lithium Battery 1500VA (900W), 1 battery string
UPSVLI-1500-2	Line interactive UPS w/Lithium Battery 1500VA (900W), 2 battery strings

Specifications:

MODEL SERIES:		UPSVLI-700 (-1,-2,-3,-4)	UPSVLI-1000 (-1,-2)	UPSVLI-1500 (-1,-2)
CAPACITY	Power rating	700VA (420W)	1000VA (600W)	1500VA (900W)
INPUT	Voltage nominal	120VAC		
	Voltage range	82-148VAC		
	Frequency	50/60Hz auto-sensing		
OUTPUT	Voltage	120VAC		
	Waveform	Pure sine wave		
	Transfer time (typical)	2-6ms		
	Efficiency	Up to 96% ECO mode, 93% buck and boost mode		
	Harmonic distortion	2% @ 100% linear load; 5% @ 100% non-linear load		
BATTERY	Battery type	Lithium Iron Phosphate (LiFePo4) 12.8V 6AH		
	Internal battery strings	Li1, Li2, Li3, Li4	Li1, Li2	Li1, Li2
	Charging current	1, 3 and 6A selectable (6A default)		
	Recharge time to 95%	1 hour per string		
PHYSICAL	Dimensions (W x D x H)	17.2 x 16.1 x 3.5 in.		
	Weight	21.2, 23.4, 25.6, 27.8 lbs.	24.2, 28.6 lbs.	26, 30.4 lbs.
	Line cord	5 ft, 5-15P to C13		
	Receptacles	(8) NEMA 5-15R		
ENVIRONMENT	Operating Temperature	32-113°F (0-45°C)		
	Audible noise	<40dBA	<45dBA	
	Altitude	11,500 ft above sea level		
APPROVALS	UL, cUL, RoHS, FCC Class A, battery packs comply to UL1973 and UN38.3 for battery transportation, TAA compliant			
WARRANTY	5 years electronics and 5 years battery (US and Canada)			
COMMUNICATIONS INTERFACE	RS-232, USB, EPO, intelligent slot for optional cards (Web/SNMP, Relay/dry contact)			
INCLUDED IN BOX	(2) front-mount rack brackets (can convert to tower pedestals), line cord, USB cable, Power Monitor software			

Battery Runtimes (minutes):

	1 string		2 strings		3 strings		4 strings	
	50%	100%	50%	100%	50%	100%	50%	100%
UPSVLI-700- (see string)	16	<3	36	16	56	18	72	22
UPSVLI-1000- (see string)	25	7	49	20	—	—	—	—
UPSVLI-1500- (see string)	11	<3	32	11	—	—	—	—

NOTE: Runtimes vary based on battery condition, age, cycles, and ambient temperature.

