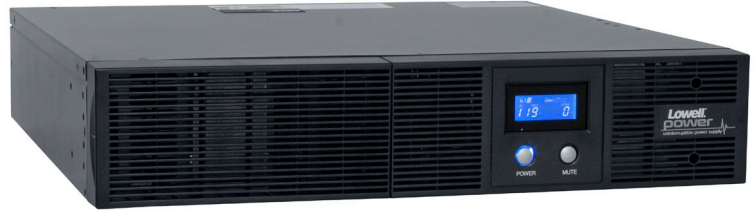


Series No.

UPSvLi Series

Uninterruptible Power Supply w/Lithium Battery



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).

CERTIFICATION: UL, cUL, RoHS

COUNTRY OF ORIGIN: China



Model UPSvLi-700-1 shown



Output receptacles

Intelligent slot for optional communication card

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-RELAY:** Dry contact card (form C relay dry contact closures) for remote monitoring.

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.

UPSVLI SERIES SUMMARY:

| MODEL NUMBER | DESCRIPTION |
|---------------|---|
| UPSVLI-700-1 | Line interactive UPS w/Lithium Battery 700VA (420W), 1 battery string |
| 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-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 | | | |
| 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):

| Percentage load: | 1 string | | 2 strings | | 4 strings | |
|---------------------------|----------|------|-----------|------|-----------|------|
| | 50% | 100% | 50% | 100% | 50% | 100% |
| UPSVLI-700- (see string) | 16 | <3 | — | — | 72 | 22 |
| UPSVLI-1000- (see string) | 25 | 7 | — | — | — | — |
| UPSVLI-1500- (see string) | 11 | <3 | 32 | 11 | — | — |

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