Lowell™
Distributed Audio, Power & Rack Solutions

Uninterruptible Power Supply: UPS V Series



Model UPSV-700 includes 2 brackets and tower pedestals.

Rear view



The UPSV Series combines high performance with value pricing. This pure sine wave line interactive UPS protects critical data and equipment from power problems, while supplying clean and reliable network-grade power. It has some of the highest efficiency ratings available and provides utility cost savings at all load levels. Includes flexible mounting for tower, wall or rack.

FEATURES:

- **Plug-and-Play:** The UPS is ready to start backing up equipment right out of the box.
- **Pure Sine Wave Output**
- **Power Rating:** 700VA, 1000,VA, 1500VA or 2000VA (see chart on next page)
- **Auto Restart:** After full battery discharge, the UPSV automatically restarts when utility power returns.
- **Highly Efficient:** 96% efficient operation in high efficiency ECO mode lowers energy consumption.
- **Smart LCD Display:** Vital monitoring and precise information provided on front panel.
- **Automatic Voltage Regulation:** (AVR)
- **Mounting:** Includes a pair of (two-point) rackmount ears (brackets), which can also serve as pedestals.
- **A&E Specifications:** The uninterruptible power supply (UPS) shall be Lowell model _____, which shall include two mounting brackets. The 2U chassis shall measure 17.2" x 3.5" x 16.1". Power rating shall be_____. The unit shall feature eight (8) NEMA 5-15R receptacles and a detachable 5 ft. power cord. The UPS shall feature battery run times of _____ minutes (25% load), _____ minutes (50% load), or _____ minutes (100% load).
- **Warranty:** Three (3) year warranty on electronics and battery (U.S. and Canada).
- **UL, cUL, RoHS**

OPTIONS: (order separately)

– **Advanced Surge Suppression:** Compact 15A unit (ACSP-1502-VTE) or 20A unit (ACSP-2002-VTE) features three-stage protection against surges up to 72,000A plus over/under voltage protection.

– **Extended Warranty:** Five (5) year extended warranty on electronics and batteries available for UPSV-700 and UPSV-1000, must be purchased at same time as UPS (UPS-EW-521).

Lowell strives to provide accurate information while reserving the right to change specifications and/or improve manufacturing methods without prior notification.
©2022 Lowell Manufacturing Co., 100 Integram Dr., Pacific MO 63069 / tel. 800.325.9660 / www.lowellmfg.com

Lowell UPS V Series Summary:

Model No.	Description	rack ears	overall width	overall depth	overall height
UPSV-700	Line interactive UPS 700VA (420W), 2U	√	17.2"	16.1"	3.5"
UPSV-1000	Line interactive UPS 1000VA (600W), 2U	√	17.2"	16.1"	3.5"
UPSV-1500	Line interactive UPS 1500VA (900W), 2U	√	17.2"	16.1"	3.5"
UPSV-2000	Line interactive UPS 2000VA (1200W), 2U	√	17.2"	16.1"	3.5"

Specifications:

LOWELL MODEL NO.		UPSV-700	UPSV-1000	UPSV-1500	UPSV-2000
CAPACITY	Power rating	700VA (420W)	1000VA (600W)	1500VA (900W)	2000VA (1200W)
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	Sealed, maintenance-free lead acid			
	Battery quantity/size	(1) 12V 9AH	(2) 12V 7AH	(2) 12V 9AH	(2) 12V 9AH
	Charging current	1A max			
	Typical recharge	4 hours to 90%			
PHYSICAL	Dimensions (W x D x H)	17.2 x 16.1 x 3.5 in.			
	Weight	24 lbs	27.3 lbs	29.3 lbs	31.3 lbs
	Line cord (detachable)	5 ft., 5–15P to C13			5 ft., 5–20P to C19
	Receptacles	(8) NEMA 5–15R			
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)			
	Audible noise	< 40dBA		< 45dBA	
	Altitude	11,500 ft above sea level			
APPROVALS		UL, cUL, RoHS			
WARRANTY		3 years electronics, 3 years battery warranty (USA and Canada)			
COMMUNICATIONS INTERFACE		USB			
INCLUDED IN BOX		2 brackets			

Battery Run Time (minutes):

Percentage load:	25%	50%	75%	100%
UPSV-700	31	13	7	4
UPSV-1000	33	15	10	5.5
UPSV-1500	31	13	7	4
UPSV-2000	15	6	4	2

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

©2022 Lowell Manufacturing Co., 100 Integram Dr., Pacific MO 63069 / tel. 800.325.9660 / www.lowellmfg.com