



From Top Left Clockwise: V1000R-UPS, V725-UPS, V1000-UPS and V3000R-UPS

Vicon Uninterruptible Power Supplies

- 450 - 2100 W power capacity
- Easily accessible operating controls
- Audible alarm
- Hot-swappable batteries
- Rack-mount and standalone models
- Power conditioning to avoid power surges and fluctuations
- Managed by PowerChute® plus software to enhance reliability and protect system integrity

Vicon's series of self contained uninterruptible power supplies feature transparent power backup for all 120 VAC devices and provide surge protection. In addition, all provide an automatic self-test, are cold-start capable, have hot-swappable batteries and sound an audible alarm. The power supplies offer a variety of output power capacities. Refer to Tables 1 and 2 for detailed information on each supply.

These UPS units are managed by PowerChute plus software. PowerChute plus allows users to customize UPS response to power events. A variety of responses can be chosen to react to a power or environmental event, including a safe, automatic shutdown and reboot to protect against crashes and security violations.

The V725-UPS power supply complies with requirements for an FCC Class B device; the V1000-UPS, V1000R-UPS and V3000R-UPS comply with requirements for an FCC Class A device.

Note: These Vicon Uninterruptible Power Supplies are APC® products, models BE725BB, SUA1000XL, SUA1000RM2U and SURTA3000RML.

Table 1: Models and Descriptions

Model	Product Code	Description
V725-UPS	8298-10	Uninterruptible Power Supply, 725 VA/450 W, for 120 VAC equipment
V1000-UPS	8298-20	Uninterruptible Power Supply, 1000 VA/800 W, for 120 VAC equipment
V1000R-UPS	8298-30	Uninterruptible Power Supply, 1000 VA/670 W, for 120 VAC equipment, rack mount
V3000R-UPS	8298-40	Uninterruptible Power Supply, 3000 VA/2100 W, for 120 VAC equipment, rack mount

Technical Information

Table 2: Technical Specifications

Model	Input Voltage (Nominal)	Input Frequency	Output Power	Nominal Output Voltage	Input/Output Connectors	Interface Port	Backup Time Full /Half Load
V725-UPS	98-132 V (120 V)	50/60 Hz, ± 3 Hz, autosensing	725 VA (450 W)	120 V	NEMA 5-15P/R	USB	4.3/14.0 min
V1000-UPS	82-144 V (120 V)	50/60 Hz, ± 3 Hz, autosensing	1000 VA (800 W)	120 V	NEMA 5-15P/R	DB-9 RS-232, USB, Smart Slot	9.6/33.3 min
V1000R-UPS	75-154 V (120 V)	50/60 Hz, ± 3 Hz, autosensing	1000 VA (670 W)	120 V	NEMA 5-15P/R	DB-9 RS-232, USB, Smart Slot	8.8/29.9 min
V3000R-UPS	90-150 V (120 V)	50/60 Hz, ± 5 Hz, autosensing	3000 VA (2100 W)	120 V	NEMA L5-30P/ NEMA 5-15R/20R	DB-9 RS-232, Smart Slot	14.1/33.9 min

Table 3: Dimensions

Model	Dimensions in. (mm)			Weight lb (kg)	Shipping Dimensions in. (mm)			Shipping Weight lb (kg)	Shipping Volume ft ³ (m ³)
	Height	Width	Depth		Height	Width	Depth		
V725-UPS	4 (102)	11.0 (279)	7.0 (180)	16.0 (7.4)	8.0 (191)	14.0 (353)	10.0 (257)	18.0 (8)	0.65 (0.01)
V1000-UPS	8.5 (216)	6.7 (1700)	17.3 (439)	60.0 (27.3)	15.3 (387)	12.6 (320)	23.3 (591)	65.0 (29.6)	2.6 (0.07)
V1000R-UPS	3.5 (89)	19.0 (483)	18.0 (457)	62.0 (28.2)	9.9 (251)	23.4 (594)	23.8 (603)	69.2 (31.5)	3.2 (0.09)
V3000R-UPS	5.1 (130)	17.0 (432)	26.0 (660)	120 (54.6)	13.7 (347)	23.7 (603)	38.6 (980)	140 (63.6)	7.3 (0.2)

ELECTRICAL

Input Over Current Protection:

Resettable circuit breaker

Battery Type:

Leak-proof, maintenance free, sealed lead-acid with suspended electrolyte.

Listing and Certifications:

UL 1778, CSA.
V725-UPS: cUL

EMI Verifications:

FCC Class A certified.
V725-UPS: FCC Class B certified.

SOFTWARE (PowerChute plus)

Features:

Notification, configuration, logging and graceful OS shutdown; schedule periodic self-test; adjust high/low transfer parameters to not continuously switch to battery mode; turn off USP's power outlets to conserve battery.

Power Event Response

Actions:

Automatically power down when not in use and reboot; run executable applications; notify selected personnel by email or pager upon power event.

Logging:

Status changes, power disturbances, environmental problems can be time-stamped and documented for diagnosis.

ENVIRONMENTAL

Operating Temperature:

32 to 104°F (0 to 40° C).

Storage Temperature:

5 to 113°F (-15 to 45° C).

Operating and Storage Relative Humidity:

0 to 95%, non-condensing.

Operating Elevation:

0 to +10,000 ft (0 to +3,000 m).