

XTREME POWER CONVERSION V80 TAA

Value Series Pure Sine Wave Line Interactive UPS // 120V

For more information, visit www.republicpowersystems.com/V80_TAA



Value series line interactive power protection for servers and network equipment

V80 is a pure sine wave line interactive UPS that protects critical data and equipment from power problems while supplying clean and reliable network grade power.

V80 units have the highest efficiency ratings available, providing utility cost savings at all load levels. V80 design provides flexible mounting including tower, wall and rack. V80 models combine high performance with value pricing.

For non-TAA models, reference the V80 at www.republicpowersystems.com/V80

PRODUCT SNAPSHOT

- › Available models: 700VA, 1000VA, 1500VA, 2000VA
- › Pure sine wave output
- › Automatic voltage regulation (AVR)
- › Tower, wall, and rack mount configurations available
- › UL, cUL, RoHS, TAA Compliant
- › 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

TAA Compliant —Complies with Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Ease of use—plug-and-play functionality means the UPS is ready to start backing up your equipment right out of the box

Auto restart—after full battery discharge, the V80 TAA automatically restarts when utility power returns

96% efficient operation—high efficiency ECO mode lowers energy consumption

Sleek design—modern and compact, perfect for use in any home office or small office setting

Smart LCD display—vital monitoring and precise information from the front panel

Maintenance bypass—an optional XBDM bypass module enables the V80 TAA to be serviced or replaced without interruption of power to critical loads

\$50,000 load protection policy—protection against damaged connected equipment

MODEL SELECTION GUIDE

For more information, visit www.republicpowersystems.com/v80

MODEL NUMBER		V80-700TAA	V80-1000TAA	V80-1500TAA	V80-2000TAA
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 and size	(1) 12V 580W	(2) 12V 580W	(2) 12V 580W	(2) 12V 580W
	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"			
	Weight	25.5 lbs	31.3 lbs	32.3 lbs	34.3 lbs
	Line cord (detachable)	8ft, 5-15P to C13			8ft, 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, TAA Compliant			
WARRANTY		3 years electronics, 3 years battery warranty (USA and Canada)			
COMMUNICATIONS INTERFACE		USB			
INCLUDED IN BOX		Front mount rack brackets, line cord, tower pedestals, user manual, USB cable, ViewPower software			
AVAILABLE OPTIONS		5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit, wall mount bracket			

BATTERY RUNTIMES

Percentage load:	25%	50%	75%	100%
V80-700 w/ (1) UPS12580	37	16	9	6
V80-1000 w/ (2) UPS12580	55	24	15	10
V80-1500 w/ (2) UPS12580	34	15	8	5
V80-2000 w/ (2) UPS12580	24	10	5	3

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.



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