



Surge Protective Device

PV80 Series  
Battery Backup

Technical Documentation



ACCESSORY SOLD SEPARATELY

Value series line interactive power protection for servers and network equipment PV80 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.

PV80 units have the highest efficiency ratings available, providing utility cost savings at all load levels. PV80 design provides flexible mounting including tower, wall and rack. PV80 models combine high performance with value pricing.

## Key Specs

- **Available models:** 700VA, 1000VA, 1500VA, 2000VA
- **Pure sine wave output**
- **Automatic voltage regulation**
- **Tower, wall and rack mount configurations available**

## Features

- Ease of use
- Auto restart
- 96% efficient operation
- Sleek design
- Smart LCD display
- Maintenance bypass

## Certifications

- UL and cUL listed, RoHS compliant

MODEL NUMBER		PV80-700	PV80-1000	PV80-1500	PV80-2000
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 and 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"			
	Weight	24 lbs	27.3 lbs	29.3 lbs	31.3 lbs
	Line cord (detachable)	5ft, 5-15P to C13			
	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	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				

## Ordering Information

### MODEL

### Capacity - Power Rating

PV80-700	700VA
PV80-1000	1000VA
PV80-1500	1500VA
PV80-2000	2000VA



### ACCESSORIES

2-Post Rail Kit	PXPC-2PRAIL
2-Post Shelf Kit	PXPC-2POSTL

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