

**Back-UPS Pro 420**  
**Part Number: BP420S**



**Product Overview**

Description	APC Back-UPS, 420VA/260W, Input 120V/Output 120V, Interface Port DB-9 RS-232
General Features	Addl Surge Protected Outlets , Audible Alarms , Automatic Diagnostic Testing , Automatic Voltage Regulation (AVR) , BlockSafe Outlets/Cord Extensions , Easy Overload Recovery , Ethernet Protection , Hot Swap Batteries , Intelligent Battery Management , Modem Protection , Multipath Protection , Overload Indicator , Replace Batt Indicator , Site wiring fault indicator , Software , User replacable batteries , User-Renewable UPS System
Includes	User Manual , Velco Cord Management Straps , Smart UPS signalling RS-232 cable , CD with software

**Technical Specifications**

Output	
Output power capacity	420 VA
Output power capacity	260 Watts
Nominal output voltage	120 V
Waveform type	Stepped approximation to a sinewave
Output Connections	(3)NEMA 5-15R
	(3)NEMA 5-15R (Surge)

## Input

Nominal input voltage	120 V
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connection Type	NEMA 5-15P
Cord Length	6 feet
Input voltage range for main operations	82 - 147 V
Input voltage adjustable range for main operations	78 - 152 V

## Batteries

Typical backup time at half load	15.8 minutes
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	4 hour(s)
Replacement battery cartridge	(1) RBC2

## Communications & Management

Interface port	DB-9 RS-232
Smart Slot Interface Quantity	0
Management software included	PowerChute Back-UPS Pro Bundle
Control panel	LED status display with On Line : On Battery : Replace Battery : and Overload indicators
Audible alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

Surge energy rating	480 joules
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-45 Modem/Fax/DSL/10-100 Base-T protection

## Physical

Maximum height dimensions	6.60 inches ( 16.76 cm)
Maximum width dimensions	4.70 inches ( 11.94 cm)
Maximum depth dimensions	14.50 inches ( 36.83 cm)
Net weight	18.80 lbs ( 8.55 kg)
Shipping weight	21.50 lbs ( 9.77 kg)
Color	Beige

## Environmental

Operating Environment	0 - 40 °C (32 - 104°F)
Operating Relative Humidity	0 - 95%

Operating Elevation	0-10000 feet (0-3000 m)
Storage Temperature	-15 - 45 °C (5 - 113°F)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 m)
Audible noise at 1 meter from surface of unit	45 dBA
Online thermal dissipation	50 BTU/hr
Conformance	
Approvals	CSA, FCC Part 15 Class B, FCC Part 68, UL 1778
Standard warranty	2 years repair or replace
Equipment protection policy	\$25000 lifetime equipment protection policy