

## APC Powerstack 450VA 1U 120V

Part Number : PS450



### Product Overview

Description	APC Smart-UPS RM, 450VA/280W, Input 120V/ Output 120V, Interface Port DB-9 RS-232, Rack Height 1 U
General Features	Automatic Voltage Regulation (AVR), Hot Swap Batteries, Intelligent Battery Management, Overload Indicator, Rack Mount, Replace Batt Indicator, Site wiring fault indicator, Software, User Replaceable batteries
Includes	User Manual, Rack Mounting Brackets, Smart UPS signalling RS-232 cable, CD with software

### Includes

Management software included	PowerChute PowerStack Bundle
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### Output

Output power capacity	450 VA
Output power capacity	280 Watts
Nominal output voltage	120 V

Waveform type                      Stepped approximation to a sinewave

Output Connections                (4)NEMA 5-15R



### 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 - 144 V

Input voltage adjustable range for main operations    75 - 154 V

### Surge Protection and Filtering

Surge energy rating                400 joules

Filtering                            Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449

### Runtime

Typical backup time at half load            19.4 minutes (140 Watts)

Typical backup time at full load              5.9 minutes (280 Watts)

Runtime Chart                        Smart-UPS RM

### Batteries

Battery type                        Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

Typical recharge time \*\*          5 hour(s)

Replacement battery cartridge          (1) RBC18

Extended run options for          APC Powerstack 450VA 1U 120V

Liquid Electrolyte Value          0.0

### Physical

Maximum height dimensions                    1.75 inches ( 4.45 cm)

Maximum width dimensions                    17.50 inches ( 44.45 cm)

Maximum depth dimensions                    13.00 inches ( 33.02 cm)

Rack Height	1 U
Net weight	22.50 lbs ( 10.23 kg)
Shipping Weight	26.50 lbs ( 12.05 kg)
Shipping Height	6.25 inches ( 15.88 cm)
Shipping Width	22.75 inches ( 57.79 cm)
Shipping Depth	17.50 inches ( 44.45 cm)
Color	Black
Units per Pallet	24.0

### **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	38 dBA
Online thermal dissipation	34 BTU/hr

### **Conformance**

Approvals	CSA, FCC A, UL 1778
Standard warranty	2 years repair or replace , optional on-site warranties available , optional extended warranties available