

APC Powerstack 250VA 1U 120V

Part Number : PS250



Product Overview

Description	APC Smart-UPS RM, 250VA/165W, Input 120V/ Output 120V, Interface Port DB-9 RS-232, Rack Height 1 U
General Features	Hot Swap Batteries, Intelligent Battery Management, Overload Indicator, Rack Mount, Replace Batt Indicator, Software, Site wiring fault indicator, Automatic Voltage Regulation (AVR), 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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Communications & Management

Interface port	DB-9 RS-232
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 : configurable

delays
Emergency Power Off (EPO) Optional

Output

Output power capacity 250 VA
Output power capacity 165 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 29.8 minutes (82.5 Watts)
Typical backup time at full load 8.9 minutes (165 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 (1) RBC18

cartridge

Extended run options for APC Powerstack 250VA 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	18.50 lbs (8.41 kg)
Shipping Weight	23.50 lbs (10.68 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	55 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