

# APC Smart-UPS 2200VA RM 3U 120V

Part Number : SU2200RM3U



## Product Overview

Description	APC Smart-UPS RM, 2200VA/1600W, Input 120V/ Output 120V, Interface Port DB-9 RS-232, SmartSlot, Rack Height 3 U
General Features	Hot Swap Batteries, Intelligent Battery Management, Overload Indicator, Rack Mount, Replace Batt Indicator, SmartSlot, Software, Site wiring fault indicator, Automatic Voltage Regulation (AVR), User Replaceable batteries
Includes	CD with software, Rack Mounting support rails, Smart UPS signalling RS-232 cable, User Manual

## Includes

Management software included	PowerChute Smart-UPS Bundle
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## Documentation

User Manual & Installation Guides	Smart-UPS - 450/700/1000/1400/2200/3000 120VAC User Manual Smart-UPS and Smart-UPS RM Accessories - 2200/3000 Receptacle Plate ; Installation Guide
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## Communications & Management

Interface port	DB-9 RS-232 , SmartSlot
Available Smart Slot Interface Quantity	1
Control panel	LED status display with load and battery bar-graphs and 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	2,200 VA
Output power capacity	1,600 Watts
Nominal output voltage	120 V
Waveform type	Sinewave
Output Connections	(8)NEMA 5-15R



## Input

Nominal input voltage 120 V  
Input frequency 50/60 Hz +/- 3 Hz (auto sensing)

Input Connection Type NEMA 5-20P



Cord Length 6 feet  
Input voltage range for main operations 92 - 147 V  
Input voltage adjustable range for main operations 86 - 154 V

## Surge Protection and Filtering

Surge energy rating 880 joules  
Filtering Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

## Runtime

Typical backup time at half load 24.5 minutes (800 Watts)  
Typical backup time at full load 6.8 minutes (1600 Watts)  
Runtime Chart Smart-UPS RM

## Batteries

Battery type Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof  
Typical recharge time \*\* 3 hour(s)  
Replacement battery cartridge (1) RBC12  
Extended run options for APC Smart-UPS 2200VA RM 3U 120V  
Liquid Electrolyte Value 0.0

## Physical

Maximum height dimensions	5.20 inches ( 13.21 cm)
Maximum width dimensions	19.00 inches ( 48.26 cm)
Maximum depth dimensions	25.00 inches ( 63.50 cm)
Rack Height	3 U
Net weight	103.00 lbs ( 46.82 kg)
Shipping Weight	123.00 lbs ( 55.91 kg)
Shipping Height	10.00 inches ( 25.40 cm)
Shipping Width	24.50 inches ( 62.23 cm)
Shipping Depth	37.50 inches ( 95.25 cm)
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	47 dBA
Online thermal dissipation	275 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