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APC Smart-UPS 2200VA USB & Serial RM 2U 230V

APC Smart-UPS, 2200VA/1980W, Input 230V/Output 230V, Interface Port DB-9 RS-232, SmartSlot, USB, Rack Height 2 U

Includes: CD with software, Rack Mounting Brackets, Smart UPS signalling RS-232 cable, USB cable, User Manual

 Part Number : **SUA2200RM12U**

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Additional Information

[Product Overview](#)

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Technical Specifications

Output

Output power capacity	2200 VA
Output power capacity	1980 watts
Max Configurable Power	2200 VA
Max Configurable Power	1980 watts
Nominal output voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	less than 5% at full load
Output Frequency (sync to mains)	47-53Hz for 50Hz nominal, 57-63Hz for 60Hz nominal
Crest Factor	up to 5 : 1
Waveform type	Sinewave

Output Connections (8) IEC 320 C13


 (1) IEC 320 C19
 (3) IEC Jumpers

Input

Nominal input voltage	230V
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connection Type	IEC-320 C20 Schuko CEE 7 / EU1-16P British BS1363A
Input voltage range for main operations	160 - 286 V
Input voltage adjustable range for mains	

Options:

- [Automatic Transfer Switches](#)
- [Isolation Transformers](#)
- [Management Devices](#)
- [MasterSwitches/Outlet Strips](#)
- [Mounting Kits](#)
- [Power Cords](#)
- [Replacement Battery Cartridges](#)
- [Service Bypass Panels](#)
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- [Software](#)

User Manual & Installation Guides:

- [Safety Guide - Smart-UPS & Back-UPS \(Sheet\)](#)
- [Smart-UPS RM 2200 VA, 3000 VA, 100 V, 120 V, 230 V \(Manual\)](#)
- [Smart-UPS RM 3000,2200 \(Manual\)](#)

General Features:

- Adjustable voltage sensitivity
- Adjustable voltage-transfer points
- Audible Alarms
- Automatic restart of loads after UPS shutdown
- Automatic self-test
- Boost and Trim Automatic Voltage Regulation (AVR)
- Cold-start capable
- Generator Compatible
- Hot-swappable batteries
- Intelligent Battery Management
- LED status indicators
- Network manageable
- Power conditioning
- Predictive failure notification
- Resettable circuit breakers
- Safety-agency approved
- Serial Connectivity
- SmartSlot
- Temperature-compensated battery charging

operation	151 - 302 V
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[more details...](#)**Topology:** Line Interactive**Batteries & Runtime**

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Replacement battery cartridge	RBC43
RBC™ Quantity	1
Typical backup time at half load	15.7 minutes (990 Watts)
Typical backup time at full load	5.2 minutes (1980 Watts)
Runtime Chart	Smart-UPS

Communications & Management

Interface port	DB-9 RS-232, SmartSlot, USB
Available Smart Slot Interface Quantity	1
Control panel	LED status display with load and battery bargraphs 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)	Yes

Surge Protection and Filtering

Surge energy rating	480 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum height	4 inches (8.89 cm)
Maximum width	19 inches (48.26 cm)
Maximum depth	26 inches (66.04 cm)
Rack Height	2 U
Net weight	96 lbs. (43.64 kg)
Shipping Weight	125 lbs. (56.82 kg)
Shipping Height	10 inches (25.40 cm)
Shipping Width	25 inches (62.23 cm)
Shipping Depth	39 inches (98.04 cm)
Color	Black
Units per Pallet	8

Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-15 - 45 °C (5 - 113 °F)
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-50000 feet (0-15000 meters)
Online thermal dissipation	300 BTU/hr

 **Conformance**

Approvals	C-tick , CE , EN 50091-1 , EN 50091-2 , GOST , PCBC , VDE
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Standard warranty	2 years repair or replace , optional on-site warranties available , optional extended warranties available
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