



APC Smart-UPS 2200VA
USB & Serial
RM 2U 120V
Part Number:
SUA2200RM2U



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	120V
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

(6) NEMA 5-15R



(2) NEMA 5-20R



Input

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

Input Connection Type NEMA 5-20P



Cord Length 8 feet (2.44 cm)

Input voltage range for main operations 82 - 144 V

Input voltage adjustable range for mains operation 75 - 154 V

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

Options:

- o [Automatic Transfer Switches](#)
- o [Interface Connections](#)
- o [Internal BackPlate Kits](#)
- o [Management Devices](#)
- o [MasterSwitches/Outlet Strips](#)
- o [Replacement Battery Cartridges](#)
- o [Services](#)
- o [Software](#)

General Features:

- o Adjustable voltage sensitivity
- o Adjustable voltage-transfer points
- o Audible alarms
- o Automatic restart of loads after UPS shutdown
- o Automatic self-test
- o Boost and Trim Automatic Voltage Regulation (AVR)
- o Cold-start capable
- o Generator compatible
- o Hot-swappable batteries
- o Intelligent battery management
- o LED status indicators
- o Network manageable
- o Power conditioning
- o Predictive failure notification
- o Resettable circuit breakers
- o Safety-agency approved
- o Serial Connectivity
- o SmartSlot
- o Temperature-compensated battery charging [more details....](#)

Topology: Line Interactive

Interface port	DB-9 RS-232 , SmartSlot , USB
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)	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
Protection Class	--

Conformance

Approvals	BSMI , CSA , UL 1778 , FCC Part 15 Class A
Standard warranty	2 years repair or replace , optional on-site warranties available , optional extended warranties available
Equipment protection policy	Lifetime : \$150000