



APC Smart-UPS 1000VA USB & Serial RM 2U 120V



Part Number:
SUA1000RM2U

Output

Output Power Capacity	670 Watts / 1000 VA
Max Configurable Power	670 Watts / 1000 VA
Nominal Output Voltage	120V
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal
Crest Factor	up to 5 : 1
Waveform Type	Sine wave
Output Connections	(6) NEMA 5-15R



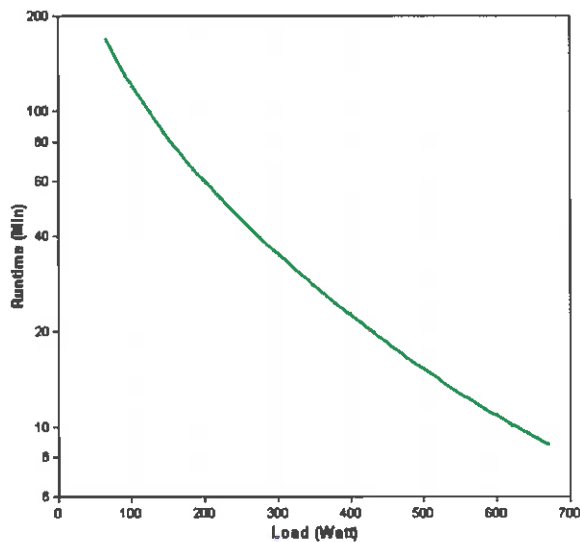
Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	NEMA 5-15P
Cord Length	8 feet (2.44 meters)
Input voltage range for main operations	82 - 144V
Input voltage adjustable range for mains operation	75 - 154V



Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement Battery	RBC23
RBC™ Quantity	1
Runtime Graph	



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Communications & Management

Interface Port(s) DB-9 RS-232,SmartSlot,USB

Available SmartSlot™ 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

Surge Protection and Filtering

Surge energy rating	459 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	3.50 inches (89 mm)
Maximum Width	17.00 inches (432 mm)
Maximum Depth	18.00 inches (457 mm)
Rack Height	2U
Net Weight	62.00 lbs. (28.18 kg)
Shipping Weight	69.20 lbs. (31.45 kg)
Shipping Height	9.88 inches (251 mm)
Shipping Width	23.38 inches (594 mm)
Shipping Depth	23.75 inches (603 mm)
Color	Black
Units per Pallet	16.00

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	45.00 dBA
Online Thermal Dissipation	89.00 BTU/hr

Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace
Equipment protection policy	Lifetime : \$150000

****The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.**

Copyright © American Power Conversion Corp., all rights reserved