ComX Computers
Product Specification Sheet

SUA1000RMI2U

APC Smart-UPS 1000VA USB and Serial, RackMount 2U, 230V

Product Overview

APC Smart-UPS 1000VA USB and Serial, RackMount 2U, 230V, Input/ Output Voltage: 230V, 670 Watts Output Power Capacity, 3 Hour(s)Typical Recharge Time, Surge Energy Rating, Resettable Circuit Breakers, LED Status Indicators, Network Manageable, 25.40cm x 59.40cm x 60.30cm Dimensions.



Specifications

Features:

- USB connectivity: Provides management of the UPS via a USB port (not available on all models).
- Front-access servicing: Simplifies installation and maintenance while minimizing space requirements.

Availability

- Boost and Trim Automatic Voltage Regulation (AVR): Gives higher application availability by correcting low and high voltage conditions without using the battery.
- Intelligent battery management: Maximizes battery performance, life, and reliability through intelligent, precision charging.
- Power conditioning: Protects connected loads from surges, spikes, lightning, and other power disturbances.
- Temperature-compensated battery charging: Prolongs battery life by regulating the charge voltage according to battery temperature.
- Automatic restart of loads after UPS shutdown: Automatically starts up the connected equipment upon the return of utility power.
- Automatic self-test: Periodic battery self-test ensures early detection of a battery that needs to be replaced.
- Disconnected battery notification: Warns when a battery is not available to provide backup power.

Manageability

- Network manageable: Provides remote management of the UPS over the network.
- Audible alarms: Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition.
- LED status indicators: Quickly understand unit and power status with visual indicators.
- Serial Connectivity: Provides management of the UPS via a serial port.
- USB connectivity: Provides management of the UPS via a USB port (not available on all models).
- Disconnected battery notification: Warns when a battery is not available to provide backup power.

Serviceability

- User-replaceable batteries: Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)
- Hot-swappable batteries: Ensures clean, uninterrupted power to protected equipment while batteries are being replaced
- Predictive failure notification: Provides early-warning fault analysis ensuring proactive component replacement.
- Resettable circuit breakers: Enables a quick recovery from overload events.
- Battery failure notification: Provides early-warning fault analysis on batteries enabling timely preventive maintenance

Adaptability

- Adjustable voltage-transfer points: Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.
- Adjustable voltage sensitivity: Provides the ability to adapt the UPS for optimal performance in specific power environments or generator applications.

Safety

- Safety-agency approved: Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment.

Specifications	
Output Power Capacity	670 Watts / 1000 VA
Max Configurable Power	670 Watts / 1000 VA
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 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal
Waveform Type	Sine wave
Output Connections	(4) IEC 320 C13 / (2) IEC Jumpers
Input	
Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Input voltage range for main operations	160 - 280V
Input voltage adjustable range for mains operation	151 - 302V
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
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	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	89.00 mm
Maximum Width	432.00 mm
Maximum Depth	457.00 mm
Rack Height	2U
Net Weight	28.18 KG
Shipping Weight	31.45 KG
Shipping Height	254.00 mm
Shipping Width	594.00 mm
Shipping Depth	603.00 mm
Color	Black
Environmental	
Operating Environment	0 - 40 degreesC
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 degreesC
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	36.00 dBA
Online Thermal Dissipation	89.00 BTU/hr
Conformance	
Regulatory Approvals	C-tick, EN 50091-1, EN 50091-2, GOST, VDE
Environmental Compliance	RoHS 7b Exemption, China RoHS

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SUA1000RMI2U-APC-Smart-UPS-1000VA-USB-and-Serial-RackMount-2U-230V-p-47994.php

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