**ComX Computers**
Product Specification Sheet

# UPAPSURT1000RMXLI

APC SMART-UPS RM RT 1000vA 230V

## Product Overview

APC SMART-UPS RM RT 1000vA 230V, Frequency and Voltage Regulation, Audible Alarms, Rack/Tower Convertible, LED Status Indicators, Intelligent Battery Management, Automatic Internal Bypass, InfraStruXure Manager Compatible, Automatic Self-Test, Input Power Factor Correction, Cold-Start Capable.



## Specifications

**Features:**

**Availability**

- Automatic internal bypass: Supplies utility power to the connected loads in the event of a UPS overload condition or fault.
- Scalable runtime: Allows additional run time to be quickly added as needed.
- Intelligent battery management: Maximizes battery performance, life, and reliability through intelligent, precision charging.
- Hot-swappable batteries: Ensures clean, uninterrupted power to protected equipment while batteries are being replaced
- Automatic restart of loads after UPS shutdown: Automatically starts up the connected equipment upon the return of utility power.
- Temperature-compensated battery charging: Prolongs battery life by regulating the charge voltage according to battery temperature.

**Manageability**

- Network manageable: Provides remote management of the UPS over the network.
- InfraStruXure Manager Compatible: Enables centralized management via the APC InfraStruXure Manager.
- SmartSlot: Customize UPS capabilities with management cards.
- LED status indicators: Quickly understand unit and power status with visual indicators.
- Serial Connectivity: Provides management of the UPS via a serial port.

**Adaptability**

- Plug-and-Play external batteries: Ensures clean, uninterrupted power to the loads when adding extra runtime to the UPS.
- Rack/Tower convertible: Protects the initial investment in the UPS when migrating from tower to rack-mount environment.
- Flash upgradeable firmware: Install maintenance releases of firmware remotely using FTP.

**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)
- Automatic self-test: Periodic battery self-test ensures early detection of a battery that needs to be replaced.
- Predicitive failure notification: Provides early-warning fault analysis ensuring proactive component replacement.
- Disconnected battery notification: Warns when a battery is not available to provide backup power.
- Audible alarms: Provides notification of changing utility power and UPS conditions

**Protection**

- Frequency and voltage regulation: Gives higher application availability by correcting poor frequency and voltage conditions without using the battery.
- Power conditioning: Protects connected loads from surges, spikes, lightning, and other power disturbances.
- Input power factor correction: Minimizes installation costs by enabling the use of smaller generators and cabling.
- Generator compatible: Ensures clean, uninterrupted power to protected equipment when generator power is used.
- Cold-start capable: Provides temporary battery power when the utility power is out.
- Resettable circuit breaker: Easy recovery from overloads; no need to replace a fuse.
- 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**

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|---|---|
| Output | |
| Output Power Capacity | 700 Watts / 1000 VA |
| Max Configurable Power | 700 Watts / 1000 VA |
| Nominal Output Voltage | 230V |
| Output Voltage Note | Configurable for 220 : 230 or 240 nominal output voltage |
| Efficiency at Full Load | 88% |
| Output Voltage Distortion | Less than 3% |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 |
| Crest Factor | 3 : 1 |
| Waveform Type | Sine wave |
| Output Connections | (6) IEC 320 C13 / (2) IEC Jumpers |
| Bypass | Built-in Bypass |
| Input | |
| Nominal Input Voltage | 230V |
| Input Frequency | 50/60 Hz +/- 5 Hz (auto sensing) |
| Input Connections | IEC-320 C14 |
| Input voltage range for main operations | 160 - 280V |
| Input voltage adjustable range for mains operation | 100 - 280V |
| Other Input Voltages | 220, 240 |
| Batteries & Runtime | |
| Battery Type | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |

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| Included Battery Modules | 1 |
| Typical recharge time | 3 hour(s) |
| Replacement Battery | RBC31 |
| RBC Quantity | 1 |
| Extended Run Options | APC Smart-UPS RT 1000VA 230V |
| Communications & Management | |
| Interface Port(s) | DB-9 RS-232, SmartSlot |
| Available SmartSlot Interface Quantity | 1 |
| Control panel | LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators |
| Audible Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| Emergency Power Off (EPO) | Optional |
| Surge Protection and Filtering | Surge energy rating: 420 Joules |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |
| Physical | |
| Maximum Height | 432.00 mm |
| Maximum Width | 85.00 mm |
| Maximum Depth | 483.00 mm |
| Rack Height | 2U |
| Net Weight | 23.00 KG |
| Shipping Weight | 27.80 KG |
| Shipping Height | 286.00 mm |
| Shipping Width | 630.00 mm |
| Shipping Depth | 594.00 mm |
| Color | Black |
| Environmental | |
| Operating Environment | 0 - 40 degreesC |
| Operating Relative Humidity | 0 - 95% |
| Operating Elevation | 0-3000 meters |
| Storage Temperature | -20 - 50 degreesC |
| Storage Relative Humidity | 0 - 95% |
| Storage Elevation | 0-15000 meters |
| Audible noise at 1 meter from surface of unit | 50.00 dBA |
| Online Thermal Dissipation | 324.00 BTU/hr |
| Conformance | |

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| Regulatory Approvals | C-tick, CE, EN 50091-1, EN 50091-2, EN 55022 Class A, EN 60950, EN 61000-3-2, GOST, VDE |
| Environmental Compliance | RoHS 7b Exemption, REACH: Contains No SVHCs |

## 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/UPAPSURT1000RMXLI-APC-SMART-UPS-RM-RT-1000vA-230V-p-50441.php**

*Images and specifications are provided for reference and are subject to change without notice. E&OE.*

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