**ComX Computers**
Product Specification Sheet

# SURT10000RMXLI

APC Smart-UPS On-Line RT 10,000VA RM 230V

## Product Overview

APC Smart-UPS On-Line RT 10,000VA RM 230V, Serial Connectivity, 8000 Watts Output Power Capacity, 2.20 Hour(s) Typical Recharge Time, Resettable Circuit Breaker, Input Power Factor Correction, Predictive Failure Notification, LED Status Indicators, Network Manageable.



## Specifications

**Features:**

- 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 | |
|---|---|
| Output Power Capacity | 8000 Watts / 10 kVA |
| Max Configurable Power | 8000 Watts / 10 kVA |
| Nominal Output Voltage | 230V |
| Output Voltage Note | Configurable for 220 : 230 or 240 nominal output voltage |
| Efficiency at Full Load | 0.92 |
| 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 | (1) Hard Wire 3-wire (H N + G) |
| (4) IEC 320 C13 | (4) IEC 320 C19 |
| (4) IEC Jumpers | Bypass |
| Input | |
| Nominal Input Voltage | 230V |
| Input Frequency | 50/60 Hz +/- 5 Hz (auto sensing) |
| Input Connections | Hard Wire 3 wire (1PH+N+G) |
| Hard Wire 5-wire (3PH + N + G) | Input voltage range for main operations |
| 160 - 280V | Other Input Voltages |
| 220240 | Input Total Harmonic Distortion |
| Batteries & Runtime | |
| Battery Type | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Included Battery Modules | 4 |

| | |
|---|---|
| Typical recharge time | 2.20 hour(s) |
| Replacement Battery | RBC44 |
| RBC Quantity | 2 |
| Extended Run Options | APC Smart-UPS RT 10, 000VA RM 230V |
| Communications & Management | |
| Interface Port(s) | DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot |
| Pre-Installed SmartSlot Cards | AP9631 |
| 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) | Yes |
| Surge Protection and Filtering | |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |
| Physical | |
| Maximum Height | 263.00 mm |
| Maximum Width | 432.00 mm |
| Maximum Depth | 736.00 mm |
| Rack Height | 6U |
| Net Weight | 110.92 KG |
| Shipping Weight | 129.10 KG |
| Shipping Height | 552.00 mm |
| Shipping Width | 597.00 mm |
| Shipping Depth | 991.00 mm |
| Color | Black |
| Units per Pallet | 1 |
| 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 | 55.00 dBA |
| Online Thermal Dissipation | 2262.00 BTU/hr |
| Conformance | |
| Regulatory Approvals | C-tick, CE, EN 50091-1, EN 50091-3 |

## 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/SURT10000RMXLI-APC-Smart-UPS-On-Line-RT-10-000VA-RM-230V-p-48092.php**

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

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