



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

APC Smart-UPS RT, 10000VA/8000W,
Input 230V/Output 230V, Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot, Extended runtime model, Rack Height 6 U
Includes: CD with software, Rack Mounting support rails, Service Manual, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card



Part Number : **SURT10000RMXLI**

Over 10 million currently installed - the one you can trust

APC Smart-UPS® protects your data by supplying reliable, network-grade power in either traditional Tower or Rack-optimized form factors for space constrained business critical applications. Award winning APC Smart-UPS® is the perfect UPS for protecting business critical file servers (Intel or UNIX based), minicomputers, network switches and hubs, Point of Sale, retail/bank back office and ATM's. Rack Mount versions are the choice for rack optimized servers, server appliances, blade servers, other blade devices and rack-mounted network switches and hubs.

With included PowerChute® management software for servers and workstations, IT administrators can provide safe system shutdown and advanced UPS management (All major operating systems supported). Connectivity is through serial or USB port (USB not standard on all models). Additional manageability is available through the SmartSlot, an internal accessory slot that allows you to install optional accessories to enhance the performance of your UPS. Network connection with Web browser management and/or environmental monitoring, serial port expansion, and out-of-band management options are available. With pure sine-wave output ensuring compatibility with all connected devices, Intelligent Battery Management ensuring a highly available UPS and an advanced 16 segment bar graph display ensuring information and management, the Smart-UPS® is a UPS you can count on.

Features & Benefits

Availability

Automatic internal bypass	Supplies utility power to the connected loads in the event of a UPS overload condition or fault.
Scalable runtime	Allows quick addition of more runtime when needed.
Intelligent battery management	Provides higher availability through intelligent precision-charging that maximizes battery performance, life, and reliability.
Hot-swappable batteries	Ensures clean, uninterrupted power to protected equipment throughout battery replacement.
Automatic restart of loads after UPS shutdown	Automatically starts up the connected equipment upon the return of utility power.

Manageability

InfraStruXure Manager compatible	Enables centralized management via APC's InfraStruXure Manager.
Network manageable	Provides remote management of the UPS over the network.
SmartSlot	Customize UPS capabilities with management cards.
LED status indicators	Quickly understand UPS status with 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	Easy implementation of new firmware upgrades.

Serviceability


User-replaceable batteries	Enables simple upgrades and replacement of the Batteries.
Automatic self-test	Ensures early detection of potential problems by periodic testing of UPS components.
Predictive 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	Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition.

Protection

Frequency and voltage regulation	Preserves battery life and maximizes runtime by correcting poor frequency and voltage conditions without discharging 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 the loads in the event of an extended power outage
Cold-start capable	Provides temporary battery power when the utility power is out.
Resettable circuit breakers	Enables quick recovery from UPS overload events.
Safety-agency approved	Ensures product testing and approval to work safely with the connected loads and within the environment.

Technical Specifications

Output

Output power capacity	10000 VA
Output power capacity	8000 watts
Max Configurable Power	10000 VA
Max Configurable Power	8000 watts
Nominal output voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Efficiency at full load	92 %
Output Voltage Distortion	less than 3%
Output Frequency (sync to mains)	50/60 Hz +/- 3Hz user adjustable +/- 0.1
Crest Factor	3 : 1
Waveform type	Sinewave
Output Connections	(1) Hard Wire 3-wire (H N + G) (4) IEC 320 C13  (4) IEC 320 C19 (4) IEC Jumpers

Input

Bypass	Internal Bypass (Automatic and Manual)
Nominal input voltage	230V
Input frequency	50/60 Hz +/- 5 Hz (auto sensing) Hz
Input Connection Type	Hard Wire 3 wire (1PH+1PH+G) Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	160 - 280 V
Other Input Voltages	220, 240

Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Battery Modules Shipped with Unit	4
Replacement battery cartridge	RBC44
RBC™ Quantity	2
Typical backup time at half load	13.2 minutes (4000 Watts)
Typical backup time at full load	4.0 minutes (8000 Watts)
Runtime Chart	Smart-UPS RT
Extended run options	APC Smart-UPS RT 10,000VA RM 230V

Communications & Management

Interface port	DB-9 RS-232 , RJ-45 10/100 Base-T , Smart-Slot
Pre-Installed SmartSlot Cards	AP9619
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

Physical

Maximum height	10.35 inches (263 mm)
Maximum width	17.00 inches (432 mm)
Maximum depth	26.12 inches (663 mm)
Rack Height	6 U
Net weight	244.00 lbs. (110.91 kg)
Shipping Weight	284.00 lbs. (129.09 kg)
Shipping Height	21.75 inches (552 mm)
Shipping Width	23.50 inches (597 mm)
Shipping Depth	39.00 inches (991 mm)
Color	Black
Units per Pallet	1.00

Surge Protection and Filtering

Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
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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	2216 BTU/hr

Conformance

Approvals	C-tick , EN 50091-1 , EN 50091-2 , EN 55022 Class A , EN 60950 , EN 61000-3-2 , GOST , PCBC , VDE
Standard warranty	2 years repair or replace