

SMT3000RMI2UC

APC Smart-UPS 3000VA LCD RM 2U 230V UPS with SmartConnect

Product Overview

APC Smart-UPS 3000VA LCD RM 2U 230V with SmartConnect, Input Voltage: 230, Output Voltage: 230



Specifications

Overview:

Intelligent and efficient network power protection from entry level to scaleable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.

Features:

Adjustable voltage sensitivity

Provides the ability to adapt the UPS for optimal performance in specific power environments or generator applications.

Adjustable voltage-transfer points

Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.

Audible alarms

Provides notification of changing utility power and UPS power conditions

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.

Battery failure notification

Provides early-warning fault analysis on batteries enabling timely preventive maintenance

Boost and Trim Automatic Voltage Regulation (AVR)

Eliminates voltage fluctuations as a source of AV signal degradation and component power-supply stress.

Cold-start capable

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Provides temporary battery power when the utility power is out.

Disconnected battery notification

Warns when a battery is not available to provide backup power.

Energy meter

Provides actual kilowatt hours of usage for energy conscious users.

Frequency and voltage regulation

Gives higher application availability by correcting poor frequency and voltage conditions without using the battery.

Green mode

Patent-pending operating mode that bypasses unused electrical components in good power conditions to achieve very high operating efficiency without sacrificing any protection.

High online efficiency

Reduces utility costs, generates less heat.

Hot-swappable batteries

Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

Intelligent battery management

Maximizes battery performance, life, and reliability through intelligent, precision charging.

Intuitive LCD interface

Provides clear and accurate information in multiple languages with the ability to configure the UPS locally with easy to use navigation keys.

LED Indicators

Provide easy-to-read status of the unit and utility power conditions.

Network manageable

Provides proactive notifications of changing power or unit conditions and provides the user the ability to remotely control PMU functions.

Outlet group control

Turn on/off, reboot or shut down select outlet groups to save dispatching technicians to remote locations (for UPSs with switched outlet groups).

Predictive failure notification.

Provides early-warning fault analysis ensuring proactive component replacement.

Predictive replace battery date

Dynamically provides the month and year when battery replacement is recommended to aide in long term maintenance planning.

Pure sine wave output on battery

Simulates utility power to provide the highest degree of compatibility for active PFC (power factor corrected) servers and sensitive electronics.

Safety-agency approved

Ensures the product has been tested and approved to work safely with the connected service provider equipment and within

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the specified environment.

Sequenced network shutdown and reboot

Customize network shutdown and reboot sequence of connected servers and UPSs.

Serial connectivity

Use any Home Automation network to monitor and control the S20 through its RS-232 serial port. For information on how to communicate with the S20, see APC's Application Note #102. Crestron and AMX installers should visit their respective websites for information on how to integrate the S20 into those networks.

Single switched outlet group

Single outlet group that may be controlled separately from the UPS for discrete reboot of hung devices, sequenced on/off and non-critical load shedding.

SmartConnect

Innovative, easy to use remote monitoring feature that provides automatic notifications, firmware updates, and advanced support services.

StruxureWare Data Center Expert compatible

Enables centralized management via StruxureWare Data Center Expert.

Temperature-compensated battery charging

Prolongs battery life by regulating the charge voltage according to battery temperature.

USB connectivity

Provides management of the UPS via a USB port (not available on all models).

User-replaceable batteries

Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

Wide input voltage range

Designed for harsh electrical environments to save battery life.

Disconnected battery notification

Warns when a battery is not available to provide backup power.

Automatic self-test

Periodic battery self-test ensures early detection of a battery that needs to be 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.

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.

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Boost and Trim Automatic Voltage Regulation (AVR)

Gives higher application availability by correcting low and high voltage conditions without using the battery (not available on all models).

Adjustable voltage sensitivity

Provides the ability to adapt the UPS for optimal performance in specific power environments or generator applications.

Adjustable voltage-transfer points

Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.

Save time with easy and convenient remote accessibility

Network manageable via serial, USB or optional ethernet. Includes Powerchute® Business Edition Software for convenient monitoring and control, safe operating system shutdown and innovative energy management capabilities.

Smarter productivity with ability to tailor to your specific application needs

Intuitive LCD interface provides clear information with the ability to configure the UPS locally with easy to use navigation keys. Over 15 different programmable settings including switched outlet group control allow for application specific settings, thresholds and notifications.

Avoids costly power problems by keeping your IT equipment and data safe and available

Network grade power conditioning protects from damaging surges and disruptive noise. Solid state automatic voltage regulation boosts low input voltage up to 30% and trims high voltage up to 12% without battery operation. Reliable battery back-up capacity to power through outages or gracefully shutdown systems

Low operating and maintenance costs with high efficiency, proven reliability and intelligent battery management

Patented green operating mode achieves efficiencies over 97%. Smart-ups was the first network UPS to be Energy Star certified. Intelligent battery management, pioneered by APC, maximizes battery performance and life through intelligent, precision temperature compensated charging. Dynamic battery replacement date indicator and automatic self tests insure battery reliability and warn in advance of needing replacement. Convenient, easy to connect, hot-swappable battery modules provide battery replacement without powering down. Designed and manufactured by APC for over 23 years, Smart-UPS is the world's most trusted network UPS with over 25 million units sold.

Peace of mind that comes with full equipment compatibility and reliability of a leader

Provides pure sine wave output which is recommended by server manufacturers using active power factor corrected (PFC) power supplies. Safety agency tested and approved means that you can deploy Smart-UPS with confidence that they meet or exceed the industry's most rigorous standards.

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.

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.

LED status indicators

Quickly understand unit and power status with visual indicators.

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Audible alarms

Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition.

Network manageable

Provides remote power management of the UPS over the network.

User-replaceable batteries

Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

Predictive failure notification

Provides early-warning fault analysis ensuring proactive component replacement.

Hot-swappable batteries

Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

Battery failure notification

Provides early-warning fault analysis on batteries enabling timely preventive maintenance

Resettable circuit breakers

Enables a quick recovery from overload events.

Specifications:

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Specifications	
Product Code	SMT3000RMI2UC
Output	
Output power capacity	2.7kWatts / 3.0kVA
Max Configurable Power (Watts)	2.7kWatts / 3.0kVA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz
Other Output Voltages	220, 240
Topology	Line Interactive
Waveform type	Sine wave
Output Connections	(3) IEC Jumpers (Battery Backup)
	(8) IEC 320 C13 (Battery Backup)
	(1) IEC 320 C19 (Battery Backup)
Transfer Time	6ms typical : 10ms maximum
Input	

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Nominal Input Voltage	230V
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	British BS1363A, IEC-320 C20, Schuko CEE 7/EU1-16P
Cord Length	1, 83meters
Input voltage range for main operations	160 - 286V
Input voltage adjustable range for mains operation	151 - 302V
Number of Power Cords	1
Other Input Voltages	220, 240
Batteries & Runtime	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3hour(s)
Replacement Battery	RBC43
Expected Battery Life (years)	3 - 5
RBC Quantity	1
Communications & Management	
Interface Port(s)	RJ-45 Serial, SmartSlot, USB
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Available SmartSlot Interface Quantity	1
Surge Protection and Filtering	
Surge energy rating	320Joules
Physical	
Maximum Height	86MM, 8.6CM
Maximum Width	480MM, 48.0CM
Maximum Depth	683MM, 68.3CM
Rack Height	2U
Net Weight	44.28KG
Shipping weight	51.7KG
Shipping Height	254MM, 25.4CM
Shipping Width	600MM, 60.0CM
Shipping Depth	980MM, 98.0CM
Units per Pallet	8
Environmental	
Operating Temperature	0 - 40 degreesC
Operating Relative Humidity	0 - 95 %

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Operating Elevation	0-3000meters
Storage Temperature	-15 - 45 degreesC
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	55.0dBA
Online thermal dissipation	348.0BTU/hr
Conformance	
Approvals	CE, EAC, EN 60950, EN/IEC 62040-1, EN/IEC 62040-2, GS Mark, IRAM, RCM, VDE, WEEE
Sustainable Offer Status	
RoHS	Compliant
REACH	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.co.za/SMT3000RMI2UC-APC-Smart-UPS-3000VA-LCD-RM-2U-230V-UPS-Buy-p-221517.php>

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