

UPAPSMT750RMI2UC

APC Smart-UPS 750VA 500W LCD Rack Mount 2U 230V UPS with smartconnect

Product Overview

APC SMT750RMI2UC Smart-UPS 750VA 500W LCD Rack Mount 2U 230V UPS with smartconnect, Line Interactive, Sine Wave, 6ms typical transfer time, Maintenance-free sealed lead-acid battery, 4 - 6 years expected battery life



Specifications

Overview:

APC Smart-UPS 750VA LCD RM 2U 230V with SmartConnect - SMT750RMI2UC

- Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other.
- Includes: CD with software, Documentation CD, Installation guide, Rack Mounting support rails, USB cable

Features:

Cold-start capable

Provides temporary battery power when the utility power is out.

Energy meter

Provides actual kilowatt hours of usage for energy conscious users.

Green mode

Patent-pending operating mode that bypasses unused electrical components in good power conditions to achieve very high

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operating efficiency without sacrificing any protection.

High online efficiency

Reduces utility costs, generates less heat.

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.

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.

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.

SmartSlot

Customize UPS capabilities with management cards.

Temperature-compensated battery charging

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

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 industrys most rigorous standards.

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.

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.

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 worlds most trusted network UPS with over 25 million units sold.

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

Adjustable voltage-transfer points

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

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Adjustable voltage sensitivity

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

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.

Network manageable

Provides remote power management of the UPS over the network.

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.

USB connectivity

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

LED status indicators

Quickly understand unit and power status with visual indicators.

Serial connectivity

Provides management of the UPS via a serial port.

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.

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.

Power conditioning

Protects connected loads from surges, spikes, lightning, and other power disturbances.

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).

Intelligent battery management

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

Resettable circuit breakers

Enables a quick recovery from overload events.

Predictive failure notification

Provides early-warning fault analysis ensuring proactive component replacement.

Battery failure notification

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

Hot-swappable batteries

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

User-replaceable batteries

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

Specifications:

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Product Specification Sheet

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Specifications

Product Code	SMT750RMI2UC
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Output

Output power capacity	500Watts / 750VA
Max Configurable Power (Watts)	500Watts / 750VA
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	(2) IEC Jumpers (Battery Backup)
	(4) IEC 320 C13 (Battery Backup)
Transfer Time	6ms typical : 10ms maximum

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 - 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	APCRBC123
Expected Battery Life (years)	4 - 6
RBC Quantity	1
Runtime	View Runtime Graph
	View Runtime Chart

Communications & Management

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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
Emergency Power Off (EPO)	Optional
Available SmartSlot Interface Quantity	1
Surge Protection and Filtering	
Surge energy rating	459Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Physical	
Maximum Height	86MM, 8.6CM
Maximum Width	432MM, 43.2CM
Maximum Depth	409MM, 40.9CM
Rack Height	2U
Net Weight	17.27KG
Shipping weight	21.23KG
Shipping Height	241MM, 24.1CM
Shipping Width	546MM, 54.6CM
Shipping Depth	584MM, 58.4CM
Color	Black
Units per Pallet	16
Environmental	
Operating Temperature	0 - 40 degreesC
Operating Relative Humidity	0 - 95 %
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	42.0dBA
Online thermal dissipation	46.0BTU/hr
Conformance	
Approvals	CE, CSA, EAC, EN/IEC 62040-1, EN/IEC 62040-2, RCM, TUV, UL 1778, VDE
Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains SVHCs
Proposition 65 Warning	Available in Documentation tab

Product Information Online

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

Product page: <https://www.comx.co.za/SMT750RM12UC-APC-Smart-UPS-750VA-500W-LCD-Rack-Mount-Buy-p-225516.php>

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