APC SMT3000RMI2UC uninterruptible power supply (UPS)

Artikel	109508
Herstellernummer	SMT3000RMI2UC
EAN	0731304337348
APC	

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

Cold-start capable
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 remote power management of the UPS over the network.

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 the specified environment.

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

Serial connectivity
Provides management of the UPS via a serial port.

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.

Zusammenfassung

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APC SMT3000RMI2UC, Line-Interactive, 3 kVA, 2700 W, Sine, 151 V, 302 V

APC SMT3000RMI2UC. UPS topology: Line-Interactive, Output power capacity: 3 kVA, Output power: 2700 W. AC outlet types: C13 coupler, C19 coupler, Power plug: C20 coupler, AC outlets quantity: 9 AC outlet(s). Battery technology: Sealed Lead Acid (VRLA), Battery capacity: 547 VAh, Typical backup time at full load: 3.2 min. Form factor: Rackmount, Product colour: Black, Rack capacity: 2U. Width: 432 mm, Depth: 683 mm, Height: 86 mm

Merkmale

Logistics data

Harmonized System (HS) code	85078000

Technical details

Design

Form factor	Rackmount
Rack capacity	2U
Cable length	2 m
Product colour	Black
Display type	LCD
LED indicators	Status
Certification	CE, EAC, EN 60950, EN/IEC

Sustainability certificates	Green Premium, RoHS

	62040-1, EN/IEC 62040-2, GS Mark, IRAM, RCM, VDE, WEEE, REACH, PEP, EOLI

Other features

Nominal output voltage	230 V
Nominal input voltage	230 V

Weight & dimensions

Width	432 mm
Depth	683 mm
Height	86 mm
Weight	44.3 kg
Package width	600 mm
Package depth	980 mm
Package height	254 mm
Package weight	51.7 kg

Packaging data

Rack mount kit	Yes
Cables included	RS-232, USB cable
Quick installation guide	Yes
Software CD	Yes
Bundled software	Powershute Business Edition

Battery

Battery technology	Sealed Lead Acid (VRLA)
Battery capacity	547 VAh
Typical backup time at full load	3.2 min
Typical backup time at half load	11.5 min
Battery life (max)	5 year(s)
Battery recharge time	3 h
Hot-swap battery	Yes
Automatic battery test	Yes
Cold start	Yes

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-15 - 45 °C
Operating relative humidity (H-H)	0 - 95%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	0 - 3000 m
Non-operating altitude	0 - 15000 m

Ports & interfaces

AC outlet types	C13 coupler, C19 coupler
Power plug	C20 coupler
AC outlets quantity	9 AC outlet(s)
Number of output IEC jumpers	3
USB port	Yes
Serial interface	Yes
Serial interface type	RJ-45
Ethernet LAN (RJ-45) ports	1
SmartSlot	Yes

Features

UPS topology	Line-Interactive
Output power capacity	3 kVA
Output power	2700 W
Waveform	Sine
Input operation voltage (min)	151 V
Input operation voltage (max)	302 V
Input frequency	50/60 Hz
Output operation voltage (min)	220 V
Output operation voltage (max)	240 V
Automatic Voltage Regulation (AVR)	Yes
Surge energy rating	320 J
Hold time (min)	4 ms
Hold time (max)	8 ms
Efficiency	98.9%
Noise level	55 dB
Audible alarm(s)	Yes
Auto-restart	Yes