Connected Smart-UPS with APC SmartConnect Product Overview for End Users

The First Cloud Enabled UPS For Distributed IT

apc.com/smartups

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by Schneider Electric

A Legacy of
Reliability

Connected
Smart-UPS
Models

Smart-UPS
Management
Solutions

Smart-UPS
Accessories

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Maintain critical operations with certainty

Energy reliability has a name.

From home offices to business enterprises, Smart-UPS™ units support the uninterruptible power needs of your IT and equipment. This time-tested benchmark from APC™ by Schneider Electric™ protects critical data and connections from power risks by supplying clean, reliable, network-grade power.

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by **Schneider** Electric

The Smart-UPS family

A variety of models for a variety of needs.

There is a Smart-UPS model for nearly
every application and budget. Home
offices, small businesses, managed
service providers, and IT professionals
can choose from a range of form factors.
From Basic to scalable Performance,
Smart-UPS solutions are ideal for servers,
point-of-sale equipment, routers, switches,
hubs, and more.

Choose yours today

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VISIBILITY

Connected Smart-UPS Models

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SMC: Basic UPS models

IDEAL FOR:

- Small business routers
- Entry-level servers
- Point-of-sale equipment

→ FEATURES

→ TECH SPECS

SMC1500IC

SMC1500I-2UC

SMC1000IC

SMC1000I-2UC

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SMC: Basic UPS models

IDEAL FOR:
- Small business routers
- Entry-level servers
- Point-of-sale equipment

FEATURES →

TECH SPECS →

SMC features:

- **Network-grade power conditioning**
  Filters noise, provides automatic voltage regulation (AVR), and includes surge protection

- **Sine-wave output on battery**
  Compatibility with a broad range of IT power supplies whether online or on battery

- **LCD display**
  Intuitive interface provides key status at a glance

- **Battery disconnect**
  Convenient way to disconnect battery for transport (tower models)

- **PowerChute™ Business Edition software**
  UPS monitoring and control, safe operating system shutdown, and innovative energy-management capabilities via USB (optional serial cable available)

- **Intelligent battery management**
  Extends battery life, optimizes performance, and maximizes reliability through precise temperature-compensated charging and automatic self tests

- **High-efficiency green mode**
  Optimal efficiency that saves utility and cooling costs

- **Rack-mount hardware***
  Brackets provided to install in both 2- and 4-post racks — additional rails optional

*Rack-mount models only

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SMC: Basic UPS models

IDEAL FOR:

- Small business routers
- Entry-level servers
- Point-of-sale equipment

→ FEATURES

→ TECH SPECS

	SMC1000IC	SMC1500IC	SMC1000I-2UC	SMC1500I-2UC
OUTPUT				
Power capacity	600 W / 1,000 VA	900 W / 1,500 VA	600 W / 1,000 VA	900 W / 1,500 VA
Output connections (NEMA®)	(8) IEC 320 C13		(4) IEC 320 C13	
INPUT				
Input voltage range for main operations (max adjustable range)	180 – 286 V (170-300V)		180-287V (170-300V)	
Input connection	IEC 320 C20		IEC 320 C14	
RUNTIME ESTIMATES				
Half Load	:14	:11	:14	:18
Full Load	:05	:04	:05	:06
COMMUNICATIONS AND MANAGEMENT				
Interface ports	USB and serial (RJ45)		USB and serial (RJ45)	
APC SmartConnect feature	Yes (Ethernet)		Yes (Ethernet)	
Control panel and audible alarms	Etched glass LCD display with LED status indicators: alarm on battery, distinctive "low battery" alarm		Etched glass LCD display with LED status indicators: alarm on battery, distinctive "low battery" alarm	
PHYSICAL				
Height (millimeters)	219	219	86	86
Width (millimeters)	171	171	432	432
Depth (millimeters)	439	439	409	477
Weight (kilograms)	17.25	20.4	17.5	27.1

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SMT: Essential UPS models

IDEAL FOR:

• Various types of tower servers (from Basic to mid-range)

• Storage

• Point-of-sale equipment and network devices

FEATURES →

TECH SPECS →

SMT1000IC

SMT1000RMI2UC

SMT1500IC

SMT1500RMI2UC

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SMT: Essential UPS models

SMT features (in addition to Basic SMC features):

- Configurable, multi-lingual LCD display
  Provides UPS status and key measures at a glance. Clear and accurate, menu-driven display for easy set-up and customization with or without software installation

- Extended-range automatic voltage regulation
  Provides enhanced brownout protection, boosting incoming voltage up to 30% without using battery power

- Switched outlet group
  Controlled separately from the UPS for discrete reboot of hung devices, sequenced ON/OFF, and non-critical load shedding

- Advanced battery management
  Innovative, dynamic recommended battery replacement date indicator

- SmartSlot™ interface:
  Accepts a wide array of accessory cards for advanced management and environmental monitoring

- Rack-mount rails*
  All hardware provided to securely install in your IT rack

*Rack-mount models only

FEATURES

TECH SPECS

SMT: Essential UPS models

IDEAL FOR:

- Various types of tower servers (from entry-level to mid-range)
- Storage
- Point-of-sale equipment and network devices

→ FEATURES

→ TECH SPECS

	SMT750IC	SMT1000IC	SMT1500IC	SMT2200IC	SMT3000IC
OUTPUT					
Power capacity	500 W / 750 VA	700 W / 1,000 VA	1,000 W / 1,500 VA	1,980 W / 2,200 VA	2,700 W / 3,000 VA
Output connections (NEMA)	(6) IEC320 C13	(8) IEC 320 C13		(8) IEC320 C13, (1) IEC320 C19	
Switched outlet groups	-	1			
INPUT					
Input voltage range for main operations (max adjustable range)	160 – 286V (150 – 300V)				
Input connection	IEC320 C14			IEC320 C20, Schuko CEE7/EU1-16), British BS1363A	
RUNTIME ESTIMATES					
200 W	:22	:45	1:24	2:17	2:29
500 W	:05	:10	:23	:51	:55
700 W	-	:06	:12	:34	:37
1,000 W	-	-	:07	:21	:23
1,400 W	-	-	-	:13	:14
1,600 W	-	-	-	:10	:12
Full load	:05	:06	:07	:07	:06
COMMUNICATION AND MANAGEMENT					
Interface ports	Serial (RJ45), USB, and SmartSlot				
APC SmartConnect feature	Yes (Ethernet)				
PHYSICAL					
Height (millimeters)		219	219		
Width (millimeters)		171	171		
Depth (millimeters)		439	439		
Weight (kilograms)		19.5	22.7		

apc.com/smartups

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SMT: Essential UPS models

IDEAL FOR:

- Various types of tower servers (from entry-level to mid-range)
- Storage
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→ FEATURES

→ TECH SPECS

	SMT750RMI2UC	SMT1000RMI2UC	SMT1500RMI2UC	SMT2200RMI2UC	SMT3000RMI2UC
OUTPUT					
Power capacity	500 W / 750 VA	700 W / 1,000 VA	1,000 W / 1,500 VA	1,980 W / 2,200 VA	2,700 W / 3,000 VA
Output connections (NEMA)	(4) IEC320 C13			(8) IEC320 C13, (1) IEC320 C19	
Switched outlet groups	1				
INPUT					
Input voltage range for main operations (max adjustable range)	160 – 286V (Max adjustable 150 – 300V)				
Input connection	IEC320 C14			IEC320 C20	
RUNTIME ESTIMATES					
200 W	:24	1:10	1:32	1:24	1:26
500 W	:05	:17	:26	:35	:38
600 W	-	:12	:19	:28	:31
700 W	-	:09	:14	:24	:26
1,000 W	-	-	:07	:15	:17
1,400 W	-	-	-	:09	:11
1,600 W	-	-	-	:07	:09
Full load	:06	:09	:07	:05	:03
COMMUNICATION AND MANAGEMENT					
Interface ports	Serial (RJ45), USB, and SmartSlot				
APC SmartConnect feature	Yes (Ethernet)		Yes (Ethernet)		
PHYSICAL					
Height (millimeter)		86	86		
Width (millimeter)		432	432		
Depth (millimeter)		477	477		
Weight (kilograms)		27.1	27.8		

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Connected Smart-UPS
Management Solutions

The world's most popular UPS just got smarter

APC SmartConnect is here: the first cloud-enabled UPS, from APC.

Select Smart-UPS units boast an ingenious networking feature that makes Smart-UPS even more adaptable and even easier to deploy: APC SmartConnect — a feature which allows you to view the status of your UPS through a secure web portal. Through this innovative remote management interface, you'll receive automatic notifications, firmware updates, and advanced support. APC SmartConnect's easy-to-use network connectivity provides added value — and more important — added peace of mind.

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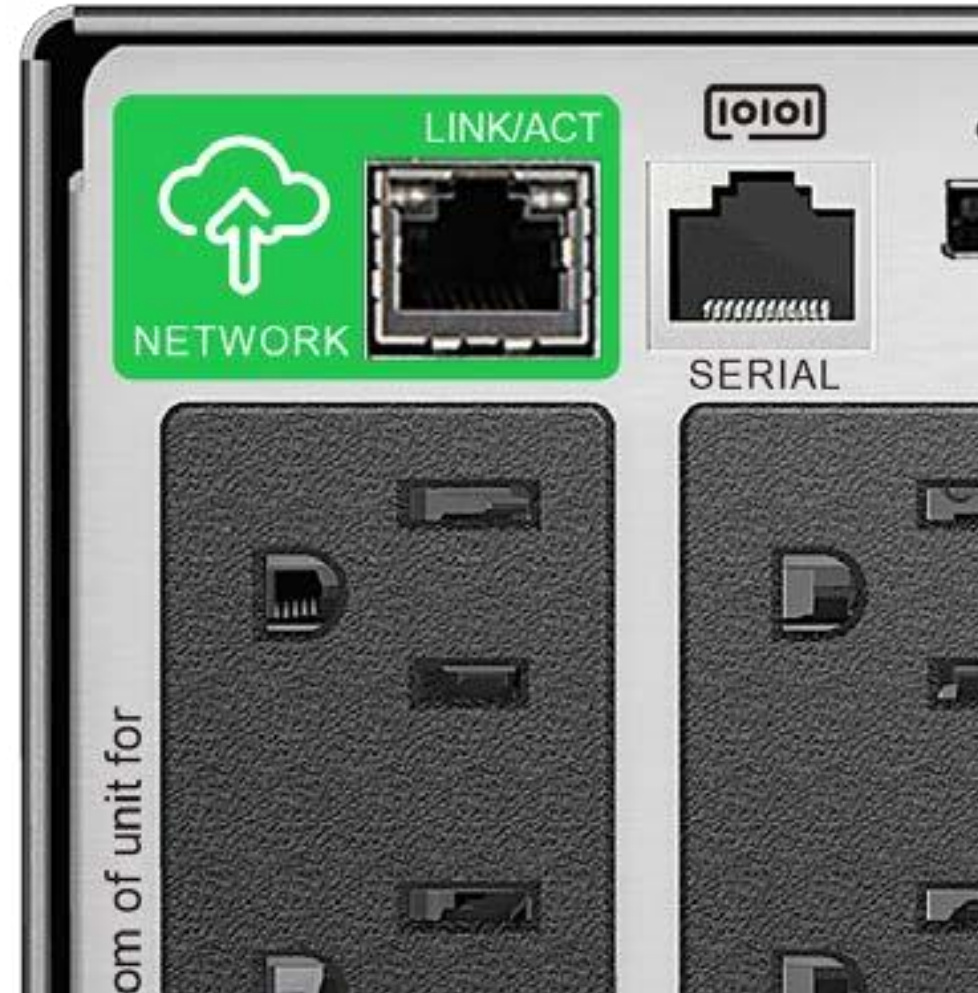
APC SmartConnect: your availability expert

WE KNOW
YOU'RE BUSY.

APC SmartConnect
is a simple and
efficient UPS
monitoring solution
that lets you focus
on your business.

EASY 3-STEP SET-UP

1 Install UPS and
attach SmartConnect
port to your network.

2 Scan QR code.

3 Create an account.
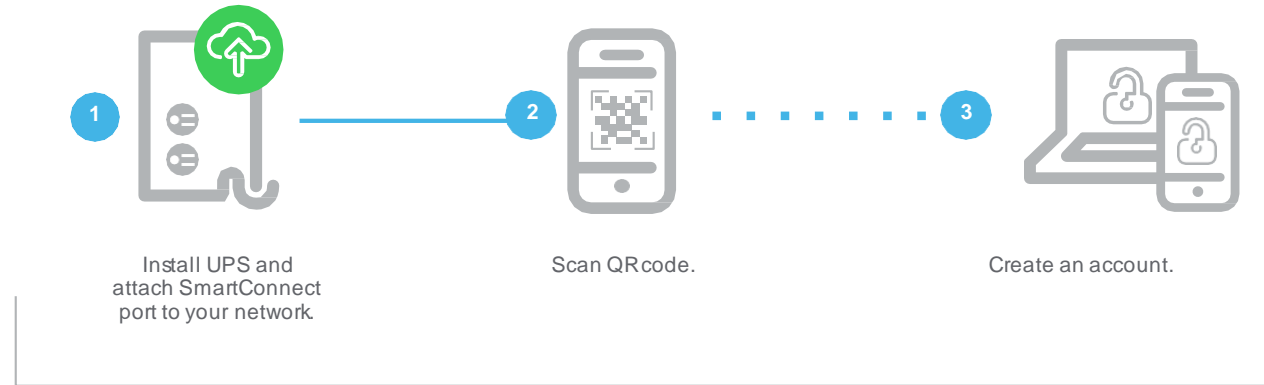
FEATURES

Power status and UPS data,
anytime/anywhere

Automatic notifications

Access to advice
and support

Peace of mind

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by Schneider Electric

APC SmartConnect: offers and interfaces

Embedded APC SmartConnect port

APC SmartConnect web portal
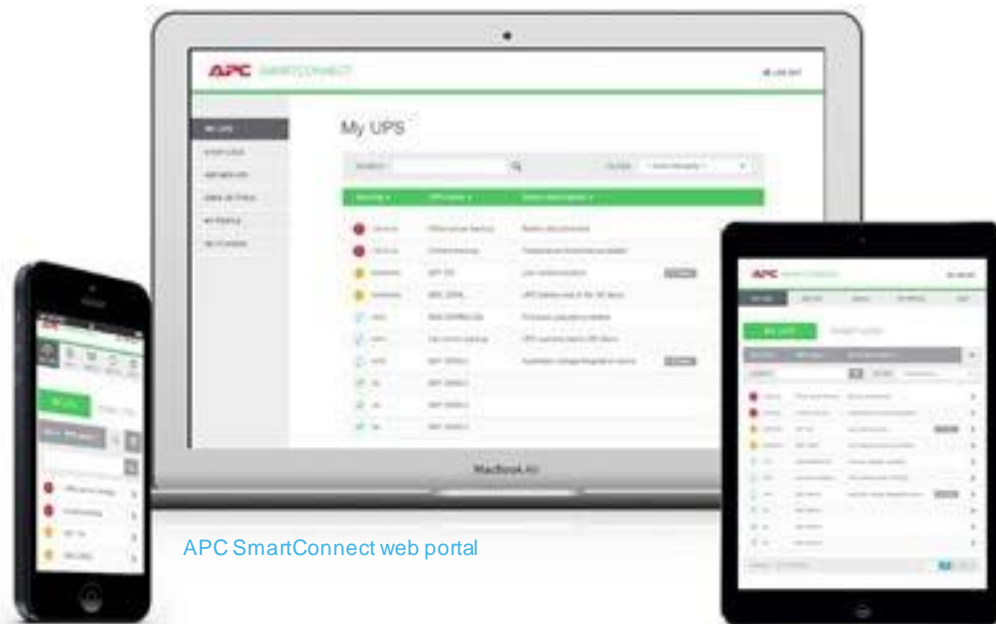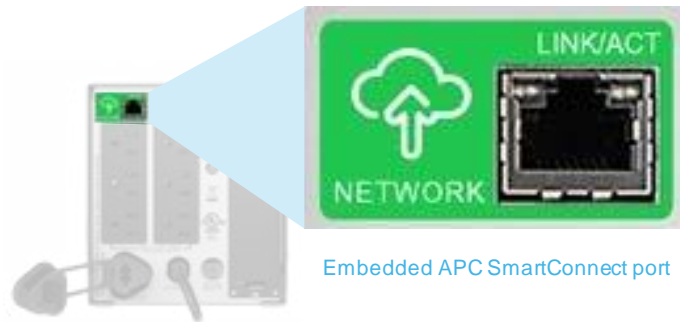
- Connected Smart-UPS and Smart-UPS online models:
    - Embedded APC SmartConnect port

- APC SmartConnect web portal:
    - Access to UPSs from any connected device
    - Automatic, actionable notifications are centralized and easy-to-configure

- APC SmartConnect RMM plug-in
    - Integrated support for most popular RMM tools

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APC SmartConnect: benefits

- Advice from the experts

  APC SmartConnect routinely provides proactive UPS life cycle recommendations, helping maximize the life span of your UPS, giving you the most for your investment.

- A future-wise time-saver

  Through simplified firmware updates, APC SmartConnect ensures your home or business UPS is equipped with the latest technologies, saving you time and adding yet more power security.

- Accessibility

  The APC SmartConnect web portal is accessible from any internet-connected device. You'll be able to check on your IT equipment on site or on the go.

- Enabled as a standard

  APC SmartConnect will be automatically included with Connected Smart-UPS models; making it the perfect solution for price-conscious professionals in need of power security.

- Another innovation from the industry leader

  APC SmartConnect is the only cloud enabled UPS feature of its kind on the market, delivered by the pioneers of uninterruptible power: APC by Schneider Electric, bringing you certainty in a connected world.

APC SmartConnect: saving your resources

It's a time-saving, resource-saving innovation that makes our APC Smart-UPS models more adaptable, and easier to deploy, maintain, and manage so you can focus on your business.

SECURE data encryption, user authentication, cybersecurity, and legal compliance					
ECONOMICAL	**SIMPLE SET-UP and USE**	**ACCESSIBLE and CONVENIENT**	**INTEGRATED**	**AUTOMATED**	**ADVANCED SUPPORT**
• Included on new models • No special software required • No gateway required	• Plug-and-play • Minimal data for registration • Simple account log-in • Multiple device registration methods • Ability to un-pair	• Easy-to-remember URL • Access from any internet device • Web portal with comprehensive UPS data • Tailored content based on the devices you have	• Comprehensive UPS data • Integrated alarming	• Clear notifications • Actionable "active" notifications • Informational "passive" notifications	• Data in CRM — so we know who you are when you call • Support access to data for troubleshooting • Life cycle offer identifications for simple ordering

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PowerChute Business Edition, for graceful UPS shutdown

Built-in manageability for your UPS unit.

While you're connected through a serial or USB interface, PowerChute Business Edition software provides UPS management, safe system shutdown, and innovative energy reporting capabilities. Energy usage, cost, and CO_2 reporting provides a greater understanding of the energy consumed by IT equipment, enabling improved energy efficiency. Advanced analysis features help to identify the causes of potential power-related problems before they occur, ensuring the health of your protected equipment.

Learn more

PowerChute Business Edition features:

- Graceful system shutdown
- Fault notifications
- Risk-assessment reporting
- Scheduled shutdowns
- Energy-usage reporting
- Centralized monitoring
- Recommended actions
- Battery status
- Outlet-aware shutdown
- Event and data logging
- Power-event summary
- Voltage analysis

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UPS Network Management Cards

Connect to your network and enjoy direct control.

APC UPS network management cards allow for secure connection and control of an individual APC UPS unit via web browser, command-line interface, or SNMP. The configurable notification features keep you informed of problems as they occur. For protected servers, the included PowerChute Network Shutdown software provides graceful, unattended shutdown in the event of an extended power outage, always keeping business information safe.

Find out more

Features and benefits

- Browser accessible
  View the user interface with a browser for quick access from anywhere, on a secure network.

- Remote device management
  Enable management of your UPS by connecting it directly to the network.

- Fault notification
  Get real-time event notifications, minimizing response time to critical physical infrastructure situations — reducing meantime to repair, improving efficiency, and maximizing uptime.

- Reboot equipment remotely
  Eliminates the need to dispatch technicians to remote locations.

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PowerChute Network Shutdown

Provides graceful network-based shutdown of physical and virtual IT architectures

PowerChute Network Shutdown works in conjunction with the APC UPS Network Management Card to protect your physical and virtual IT environments from threats to IT availability. Network-based, graceful, unattended shutdown of your physical servers and virtual machines protects data integrity and reduces system downtime when power risks occur. This solution is easily configurable via browser interface, and it supports single, redundant, and parallel UPS configurations.

vmware READY

PowerChute Network Shutdown features:

- Graceful network-based shutdown
- Sequenced server shutdown
- Integration with VMware® and Microsoft® Hyper-V
- Support for virtual clusters
- Virtual machine migration/shutdown
- Virtual machine prioritization
- Command file integration
- Redundant and parallel UPS support
- Event logging
- HTTPS communications
- IPv6 support
- Scalable architecture for a host of client systems

[Learn more]

→ NETWORK MANAGEMENT CARDS

Connected Smart-UPS
Accessories

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Product services and accessories

From additional power to smart management.

APC by Schneider Electric provides the highest-quality services and solutions by trained and trusted professionals. Our world-class services offer a smart way to build, operate, and maintain your critical applications ... ensuring the right people are in the right place, at the right time.

Service bypass panels

- SBP1500RM: APC service bypass PDU, 120 V; 15 AMP W / (8) NEMA 5-15R
- SBP3000RM: APC Service bypass PDU, 120 V; 30 AMP W / (4) NEMA 5-20R and (1) L5-30R
- SBP3000: APC Service bypass panel, 100 – 240 V; 30 A; BBM; hard-wire input/output
- SBP3000RMHW: APC service bypass panel, 100 – 240 V; 30 A; BBM; hard-wire input/output

Management cards

- AP9613: UPS network management card
- AP9624: UPS network management card with environmental monitoring
- AP9620: Legacy communications SmartSlot card

Additional accessories

- AP9625: APC Smart-UPS two-post rail kit

Rail kits

Network management card

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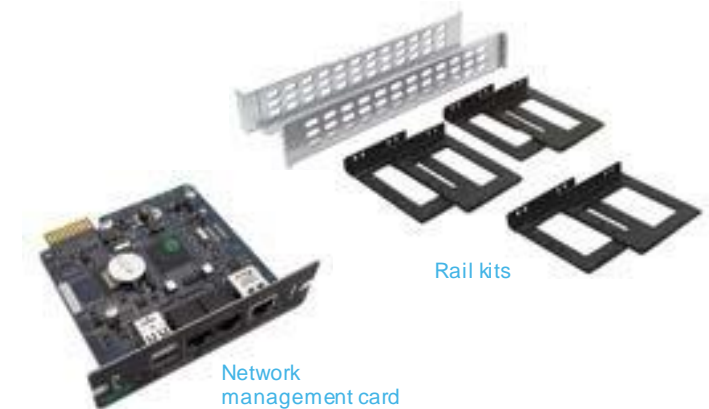
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