



## EcoStruxure™ Ready Smart-UPS with APC SmartConnect The First Cloud-enabled UPS For Distributed IT

APC™ award-winning Smart-UPS™ is the most popular UPS in the world for servers, storage and network power protection. Smart-UPS provides availability and manageability to your network allowing you to focus on business growth instead of business downtime. Trusted to protect critical data and equipment from power problems by supplying clean and reliable network-grade power.

EcoStruxure Ready Smart-UPS units boast an ingenious networking feature that makes Smart-UPS even more adaptable and easier to deploy: APC SmartConnect is a feature which allows you to view the status of your UPS through a secure web portal. Through this innovative remote monitoring 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.

Not for consumer use.

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# The World's Most Popular UPS Just Got Smarter

EcoStruxure Ready Smart-UPS is here:



## APC SmartConnect Provides:

- Accessible from any internet connected device, on site or mobile
- Simple account begin and registration
- Proactive actionable alerts and lifecycle recommendations
- Compatible with major RMM platforms
- No special software, SNMP trap or coding required
- EcoStruxure Ready Smart-UPS adhere to the latest industry standards in secure data collection

## EcoStruxure Ready Smart-UPS Features:

### APC SmartConnect Ethernet Port

SmartConnect is a proactive remote UPS cloud monitoring feature that is accessible from any internet connected device

### Sinewave

Sinewave is designed to emulate utility power, it will support your device upon battery backup

### Intelligent Battery Management

Temperature compensated charging extends life and advanced algorithms recommend replacement date

### High-efficiency Greenmode

Optimum efficiency which saves on utility and cooling costs

### Network-grade Power

Provides stable power conditions by filtering noise, automatic voltage regulation (AVR), and surge protection

### Emergency Power Off (EPO)

Provides for remote UPS shut-off in the event of a fire or other emergency (2,200 VA and above)

## Getting Started is Easy



### Install your UPS

Install your SmartConnect-compatible UPS at your business site. Connect it to your network using a dedicated ethernet port.



### Scan the QR code

Scan the QR Code printed on your Smart-UPS, and automatically register your device with the SmartConnect Web Portal.



### Register your UPS

Create a Schneider Electric account to register your Smart-UPS. Your UPS will be automatically linked to your account.

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# EcoStruxure Ready Smart-UPS SMC Features

Application optimized models ideal for entry level servers, point-of-sale (POS) and other small network devices



## SmartConnect Ethernet Port

Proactive remote UPS cloud monitoring feature that is accessible from any internet connected device

## Sinewave Output

Simulates the utility when on battery for optimum device compatibility

## Advanced Battery Management

Temperature compensated charging extending the life of internal batteries

## High Efficiency Green Mode

Save on utility costs while reducing heat to promote longer component life

## Network Grade Power Conditioning

Automated voltage regulation (AVR), noise filtering and surge protection

## LCD Display

Intuitive interface provides comprehensive status information at-a-glance

## Communication Ports

USB and serial ports for UPS management

## Safety-agency Approved

Ensures the product has been tested and approved to national standards

## Generous Number of Outlets

All receptacles are surge and UPS protected

## Battery Disconnect

Convenient way to disconnect battery for transport (Tower models)



## EcoStruxure Ready Smart-UPS SMC

The most affordable Sinewave UPS's in the Smart-UPS family . Designed for entry level servers, it is compatible with today's active power factor corrected (PFC) power supplies.

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# CONNECTED

## EcoStruxure Ready Smart-UPS SMC Display

Comprehensive LCD interface for status at a glance



### LCD display

Comprehensive status at a glance

#### Status conditions:

- On line
- On battery
- Green mode
- Load graph
- Battery charge graph
- Audible alarm

#### Measure:

- Input & output voltage
- Load viewable in watts, VA and percentage
- Output current and frequency
- Event counter
- Estimated on battery runtime

1 On line / On battery

2 On / Off button

3 System fault LED

4 Mute button

5 Display button

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# EcoStruxure Ready Smart-UPS SMT Features

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



In addition to Smart-UPS SMC features:

## SmartSlot™ Interface

Accepts a wide array of accessory cards for advanced management and environmental monitoring

## Switched Outlet Group

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

## 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

## Rack-mount Rails

All hardware provided to securely install in your IT rack

## Emergency Power Off (EPO)

Provides for remote UPS shut-off in the event of a fire or other emergency (2,200 VA and above)



EcoStruxure Ready  
Smart-UPS

Advanced line-interactive power protection for servers and network equipment

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# EcoStruxure Ready Smart-UPS SMT Display

## Intuitive, easy-to-use LCD interface



### LCD Display Screen

Clear, consistent, and detailed information in your choice of basic or advanced menus

### Power Status

Operating mode, efficiency, load, input / output frequency, battery capacity, runtime and more

### Configuration

Easily configure: language, power quality, alarms, delay and threshold settings

### Test and Diagnostics

Initiate battery and runtime calibration tests

### Control

UPS and outlet group settings

### Logs

See explanation of last 10 transfers and faults

### Quick Status Indicators

Online, on battery, fault, and replace battery LEDs for quick status identification

### Escape, Return and Navigation Buttons

Intuitive navigation to confirm, exit or adjust settings

### Load Energy Meter

Track energy usage in kilo watt hours

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# EcoStruxure Ready Smart-UPS Management Solutions

## SmartConnect Ethernet Port

Automatically included in EcoStruxure Ready Smart-UPS units, SmartConnect is an ingenious connectivity feature that makes Smart-UPS even more adaptable and easier to deploy: SmartConnect allows you to view the status of your UPS through a secure web portal. Through this innovative remote monitoring interface, you will receive automatic notifications, firmware updates, and advanced support.



### SmartConnect Features:

- No special software or gateway required
- Accessible from any internet connected device
- Compatible with major RMM platforms
- Actionable alerts and lifecycle recommendations
- Enhanced troubleshooting and support
- Simple account login and registration

## PowerChute Business Edition For graceful UPS shutdown

### Built-in manageability for your UPS unit

PowerChute Business Edition software provides UPS management, safe system shutdown, and innovative energy reporting capabilities. Energy usage, cost, and CO2 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.



### 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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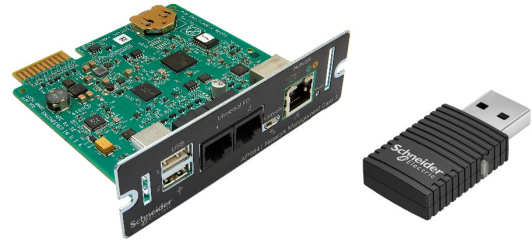
# EcoStruxure Ready Smart-UPS Management Solutions

## UPS Network Management Cards

For remote management and control

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.



### Network management card features:

- **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:** Eliminate the need to dispatch technicians to remote locations

## PowerChute Network Shutdown

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

PowerChute Network Shutdown Edition software provides UPS management, safe system shutdown, and innovative energy reporting capabilities. Energy usage, cost, and CO2 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.



### 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
- IPv6 support
- Virtual machine prioritization
- Command file integration
- Redundant and parallel UPS support
- Event logging
- HTTPS communications
- Scalable architecture for host of client systems

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# EcoStruxure Ready Smart-UPS Services and Accessories

Schneider Electric Critical Power & Cooling Services (CPCS) 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, in the right place, at the right time.

## UPS management accessories

- **AP9640:** UPS Network Management Card
- **AP9641:** UPS Network Management Card with environmental monitoring
- **AP9834:** APC USB Wi-Fi Device for wireless communication [compatible with AP9641 & AP9643 pre-installed or embedded]



AP9641



AP9834

## Additional accessories

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



AP9625

## Service bypass panels

- **SBP1500RMI:** APC service bypass PDU, 120V; 15 amp with (8) NEMA 5-15R
- **SBP300RMI:** APC service bypass PDU, 120V; 30 amp with (4) NEMA 5-20R
- **SBP3000:** APC service bypass panel, 100–240V; 30 amp; BBM; hard-wire input /output



SBP3000RM

# APC Smart-UPS SMC

## Tower Technical Specifications



### SMC1000IC

### SMC1500IC

#### Output

Power Capacity	600W / 1000VA	900W / 1500VA
Nominal Output Voltage	230V	
Output Frequency	47-63 Hz	
Wave Form Type	Pure Sine Wave	
Output Connections	(8) IEC 320 C13	

#### Input

Nominal Input Voltage	230V	
Input Voltage Range for main operations (Max adjustable range)	180 – 286 V (170-300V)	
Input Frequency	50/60 Hz +/-3 Hz (auto sensing)	
Input Connection	IEC 320 C20	

#### Batteries and Runtime

Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte	
Runtime at Half Load	14 min	11 min
Runtime at Full Load	5.Min	4 min
Replacement Battery	APCRBC142	RBC6

#### Communication and Management

APC SmartConnect Enabled	Yes	
Interface Ports	USB and Serial (RJ45)	
Control Panel and Audible Alarms	Etched glass LCD display with LED status indicators; alarm on battery, distinctive low battery alarm	

#### Surge Protection Filtering

Surge Energy Rating (Joules)	693 J	
Filtering	Full time multi-pole noise filtering: 0.3% IEEE surge let-through, zero clamping response time, meets UL1449	

#### Physical

Dimensions (H x W x D)	219 x 171 x 439 mm	219 x 171 x 439 mm
Net Weight	17.25 kg	20.4 kg

#### Conformance

Regulatory	VDE, CE, GOST, C-Tick	
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# APC Smart-UPS SMC

## Rackmount Technical Specifications



### SMC1000I-2UC

### SMC1500I-2UC

#### Output

Power Capacity	600W / 1000VA	900W / 1500VA
Nominal Output Voltage	230V	
Output Frequency	47-63 Hz	
Wave Form Type	Pure Sine Wave	
Output Connections	(4) IEC 320 C13	

#### Input

Nominal Input Voltage	230V	
Input Voltage Range for main operations (Max adjustable range)	180 – 286 V (170-300V)	
Input Frequency	47 / 63 Hz +/- 3 Hz (auto-sensing)	
Input Connection	IEC 320 C14	

#### Batteries and Runtime

Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte	
Runtime at Half Load	14 min	18 min
Runtime at Full Load	5 min	6 min
Replacement Battery	APCRBC124	APCRBC132

#### Communication and Management

APC SmartConnect Enabled	Yes	
Interface Ports	USB and Serial (RJ45)	
Control Panel and Audible Alarms	Etched glass LCD display with LED status indicators; alarm on battery, distinctive low battery alarm	

#### Surge Protection Filtering

Surge Energy Rating (Joules)	693 J	
Filtering	Full time multi-pole noise filtering; 0.3% IEEE surge let-through, zero clamping response time, meets UL1449	

#### Physical

Dimensions (H x W x D)	86 x 432 x 409 mm	86 x 432 x 477 mm
Net Weight	17.5 kg	27.1 kg

#### Conformance

Regulatory	VDE, CE, GOST, C-Tick	
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# APC Smart-UPS SMT

## Tower Technical Specifications



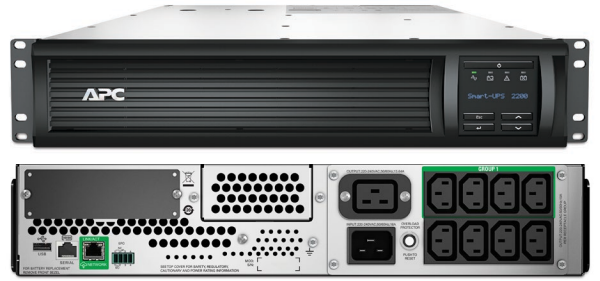
	SMT750IC	SMT1000IC	SMT1500IC	SMT2200IC	SMT3000IC
<b>Output</b>					
Power Capacity	500 W/750 VA	700W / 1000VA	1000W / 1500VA	1980 W/2200 VA	2700 W/3000 VA
Nominal output voltage	230 V (configurable to 220 or 240 V nominal)				
Output frequency	47 - 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal				
Waveform type	Sine wave				
Output connections (NEMA)	(6) IEC320 C13	(8) IEC 320 C13		(8) IEC320 C13, (1) IEC320 C19	
Switched outlet groups	-	1			
<b>Input</b>					
Nominal input voltage	230V				
Input voltage range for main operations (Max adjustable)	160 – 286V (150 – 300V)				
Input frequency	50/60 Hz +/-3 Hz (auto sensing)				
Input connection	IEC320 C14			IEC320 C20, Schuko CEE7/EU1-16), British BS1363A	
<b>Batteries and runtime</b>					
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte; leak proof				
Replacement battery	RBC48	RBC6	RBC7	RBC55	
<b>Runtime estimates</b>					
200W	:22	:45	1:24	2:17	2:29
500W	:05	:10	:23	:51	:55
700W	-	:06	:12	:34	:37
1000W	-	-	:07	:21	:23
1400W	-	-	-	:13	:14
1600W	-	-	-	:10	:12
Full load	:05	:06	:07	:09	:06
<b>Communications and management</b>					
APC SmartConnect Enabled	Yes				
Interface ports	Serial (RJ45), USB, and SmartSlot				
Control panel and audible alarms	Alpha-numeric LCD display with LED status indicators; alarm on battery, distinctive low battery alarm and configurable delays				
Emergency power off (EPO)	Optional			Yes	
<b>Physical</b>					
Maximum height (millimeter)	161	219	219	435	435
Maximum width (millimeter)	138	171	171	197	197
Maximum depth (millimeter)	363	439	439	54.4	54.4
Net weight (kilograms)	13.18	19.4	22.7	50.2	52.50
<b>Conformance</b>					
Regulatory	RCM, CE, EN62040-1, EN62040-2, EAC, VDE				

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# APC Smart-UPS SMT

## Rackmount Technical Specifications



	SMT750RMI2UC	SMT1000RMI2UC	SMT1500RMI2UC	SMT2200RMI2UC	SMT3000RMI2UC
<b>Output</b>					
Power Capacity	500 W/750 VA	700W / 1000VA	1000W / 1500VA	1980 W/2200 VA	2700 W/3000 VA
Nominal output voltage	230 V (configurable to 220 or 240 V nominal)				
Output frequency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal				
Waveform type	Sine wave				
Output connections (NEMA)	(4) IEC320 C13			(8) IEC320 C13, (1) IEC320 C19	
Switched outlet groups	1				
<b>Input</b>					
Nominal input voltage	230V				
Input voltage range for main operations (Max adjustable)	160 – 286V (Max adjustable 150 – 300V)				
Input frequency	50/60 Hz +/-3 Hz (auto sensing)				
Input connection	IEC320 C14			IEC320 C20	
<b>Batteries and runtime</b>					
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte; leak proof				
Replacement battery	APCRBC123	APCRBC132	APCRBC133	RBC43	
<b>Runtime estimates</b>					
200W	:24	1:10	1:32	1:24	1:26
500W	:05	:17	:26	:35	:38
700W	-	:09	:14	:24	:26
1000W	-	-	:07	:15	:17
1400W	-	-	-	:09	:11
1600W	-	-	-	:07	:09
Full load	:06	:09	:04	:05	:03
<b>Communications and management</b>					
APC SmartConnect Enabled	Yes			Yes	
Interface ports	Serial (RJ45), USB, and SmartSlot “NC” versions have AP9631 network management card pre-installed in the SmartSlot				
Control panel and audible alarms	Alpha-numeric LCD display with LED status indicators; alarm on battery, distinctive low battery alarm and configurable delays				
Emergency power off (EPO)	Optional			Yes	
<b>Physical</b>					
Maximum height (millimeter)	86	86	86	86	86.1
Maximum width (millimeter)	432	432	432	480	480
Maximum depth (millimeter)	409	477	477	683	683
Net weight (kilograms)	21.23	27.1	27.8	42.31	44.28
<b>Conformance</b>					
Regulatory	RCM, CE, EN62040-1, EN62040-2, EAC, VDE				