



## Smart-UPS™ with APC™ SmartConnect

Maintain business certainty with intelligent network power protection

### The world's most popular network and server UPS

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.

Smart-UPS' patented green mode provides extremely high efficiency at low, medium and high load levels making them ideal for multi-core or virtualized servers that have varying load consumption all while saving utility costs. Managed outlet groups allow segmented load control to power on or off your equipment in series as well as load shedding to preserve battery power for critical connected equipment or reboot a hung device without impacting other equipment.

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# Smart-UPS 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.



## High-efficiency green mode

Optimum efficiency which saves utility and cooling costs

## Emergency Power Off (EPO)

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

## Alphanumeric LCD Display

Intuitive interface provides detailed and accurate information with ability to configure locally

## Battery Disconnect

Convenient way to disconnect battery for transport

## Network-grade Power

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

## Communication ports

Serial, USB, and SmartSlot™ for accessory cards

## Advanced Battery Management

Temperature compensated charging extends life and advanced algorithms recommend replacement date



## Smart-UPS

Advanced line-interactive power protection for servers and network equipment

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# Smart-UPS Extended Run Features

Extended run models accept external battery packs for long runtime to power critical servers, security, and communication systems through prolonged outages.



## Additional Features:

### High-efficiency green mode

Optimum efficiency which saves utility and cooling costs

### High-frequency design

Reduces size of (or eliminates) bulky transformers making installation even easier

### Low-voltage models (2 – 3 kVA)

Configurable output from 100 V – 127 V on low-voltage models

### High-voltage models (2 – 3 kVA)

Configurable output from 200 V – 240 V on high-voltage models

### Pre-installed network management cards

Models with “NC” suffix have pre-installed AP9631 network cards with environmental monitoring

### Smart external battery connector

Accepts external batteries and increases runtime automatically to increase availability

### Switched outlet groups

Reboot hung devices, shed noncritical loads to conserve runtime, and sequence start-up/turn off

## Smart-UPS Extended Run

Convertible extended run models ideal for critical servers and voice / data switches.



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# APC Smart-UPS 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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# Smart-UPS management solutions

## 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

## PowerChute Network Shutdown For machine prioritization

### Reliable, virtualized shutdown of multiple devices

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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# Smart-UPS management solutions

## APC SmartConnect

The world's most popular UPS just got smarter

The first cloud enabled UPS for distributed IT

Automatically included in select Smart-UPS units, APC SmartConnect is an ingenious connectivity feature that makes the legendary devices even more adaptable and even easier to deploy: APC 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.



### APC 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

## 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:** Eliminates the need to dispatch technicians to remote locations

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# 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.

## Management cards

- **AP9630:** UPS Network Management Card
- **AP9631:** UPS Network Management card with environmental monitoring
- **AP9620:** Legacy communications SmartSlot card



AP9631

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## External battery packs

- **SMX48RMBP2U:** APC Smart-UPS 48V external battery pack rack / tower
- **SMX120RMBP2U:** APC Smart-UPS 120V external battery pack rack / tower



SMX120RMBP2U

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## Additional accessories

- **AP9625:** APC Smart-UPS two-post rail kit
- **SMX039-2:** APC Smart-UPS 48V battery extension cable
- **SMX040:** APC Smart-UPS 48V battery extension cable



AP9625

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## Service bypass panels

- **SBP1500RM:** APC service bypass PDU, 120V; 15 amp with (8) NEMA 5-15R
- **SBP300RM:** 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

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# APC Smart-UPS

## Standard Tower

### Technical Specifications



	SMT750	SMT1000	SMT1500	SMT2200	SMT3000
<b>Output</b>					
Power Capacity	500W / 750VA	700W / 1000VA	1000W / 1500VA	1980W / 2200VA	2700W / 3000VA
Nominal output voltage	120V				
Output frequency	47 – 53 Hz f or 50 Hz nominal; 57 – 63 Hz f or 60 Hz nominal				
Waveform type	Sine wave				
Output connections (NEMA)	(6) 5-15R	(8) 5-15R		(8) 5-15R, (2) 5-20R	
Switched outlet groups	N/A	1			
<b>Input</b>					
Nominal input voltage	120V				
Input voltage range for main operations (Max adjustable)	82 – 144 (75 – 154V)				
Input frequency	50 / 60 Hz +/- 3 HZ (auto-sensing)				
Input connection	5-15P			5-20P	L5-30P
<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	:07	: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 (inches)	6.2	8.5	8.5	17.0	17.0
Maximum width (inches)	5.4	6.7	6.7	7.7	7.7
Maximum depth (inches)	14.1	17.3	17.3	21.5	21.5
Net weight (pounds)	29	42	53	11.2	116
<b>Conformance</b>					
Regulatory	UL 1778, CSA				
Warranty and equipment protection	3-year electronics, 2-year battery, and \$150,000 lifetime EPP				

# APC Smart-UPS

## Standard Rackmount

### Technical Specifications



	SMT750RM2U SMT750RM2UNC	SMT1000RM2U	SMT1500RM1U	SMT1500RM2U	SMT2200RM2U	SMT3000RM2U
<b>Output</b>						
Power Capacity	500W / 750VA	700W / 1000VA	1000W / 1500VA	1000W / 1500VA	1980W / 2200VA	2700W / 3000VA
Nominal output voltage	120V					
Output frequency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal					
Waveform type	Sine wave					
Output connections (NEMA)	(6) 5-15R	(4) 5-15R	(6) 5-15R	(6) 5-15R, (2) 5-20R		
Switched outlet groups	1					
<b>Input</b>						
Nominal input voltage	120V					
Input voltage range for main operations (Max adjustable)	82 – 144 (75 – 154V)					
Input frequency	50 / 60 Hz +/- 3 HZ (auto-sensing)					
Input connection	5-15P			5-20P	L5-30P	
<b>Batteries and runtime</b>						
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte; leak proof					
Replacement battery	APCRBC123	APCRBC132	APCRBC88	APCRBC133	RBC43	
<b>Runtime estimates</b>						
200W	:24	1:10	1:32	:27	1:24	1:26
500W	:05	:17	:26	:12	:35	:38
700W	-	:09	:14	:07	:24	:26
1000W	-	-	:07	:04	:15	:17
1400W	-	-	-	-	:09	:11
1600W	-	-	-	-	:07	:09
Full load	:06	:09	:07	:04	:05	:03
<b>Communications and management</b>						
APC SmartConnect Enabled	Yes	No	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 (inches)	3.5	3.5	1.75	3.5	3.5	3.5
Maximum width (inches)	17.0	17.0	17.0	17.0	19.0	19.0
Maximum depth (inches)	16.0	18.0	26.0	18.0	27.0	17.0
Net weight (pounds)	38	62	53	63	93	97
<b>Conformance</b>						
Regulatory	UL 1778, CSA					
Warranty and equipment protection	3-year electronics, 2-year battery, and \$150,000 lifetime EPP					

# APC Smart-UPS

## Extended Run Rack / Tower Convertible Technical Specifications



	SMX750 SMX750NC	SMX1000	SMX1500RM2U SMX1500RM2UNC	SMX2000RLV2U SMX2000RLV2UNC	SMX2200RLV2U	SMX3000RLV2U SMX3000RLV2UNC
<b>Output</b>						
Power Capacity	600W / 750VA	800W / 1000VA	1200W / 1500VA	1800W / 2000VA	1980W / 2200VA	2700W / 3000VA
Nominal output voltage	120V					
Output frequency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal					
Waveform type	Sine wave					
Output connections (NEMA)	(8) 5-15R			(3) 5-15R (3) 5-20R (1) L5-20R	(6) 5-15R (2) 5-20R	(3) 5-15R (3) 5-20R (1) L5-30R
Switched outlet groups	1	2	3			
<b>Input</b>						
Nominal input voltage	120V			100 – 127V		
Input voltage range for main operations (Max adjustable)	82 – 144 (75 – 154V)			70 – 153V		
Input frequency	50 / 60 Hz +/- 3 Hz (auto-sensing)					
Input connection	5-15P			5-20P	L5-30P	
<b>Batteries and runtime</b>						
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte; leak proof					
Replacement battery (UPS)	APCRBC116		APCRBC115	APCRBC117		
External battery pack	SMX48RMBP2U			SMX120RMBP2U		
Replacement battery for external battery pack	APCRBC115			APCRBC118		
<b>Communications and management</b>						
APC SmartConnect Enabled	No					
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)	Yes					
<b>Physical</b>						
Maximum height (inches)	3.5	3.5	3.5	3.5	3.5	3.5
Maximum width (inches)	17.0	17.0	17.0	17.0	17.0	17.0
Maximum depth (inches)	19.0	19.0	19.0	26.3	26.3	26.3
Net weight (pounds)	49	50	55	85	85	85
<b>Conformance</b>						
Regulatory	UL 1778, CSA					
Warranty and equipment protection	3-year electronics, 2-year battery, and \$150,000 lifetime EPP					

# APC Smart-UPS

## Extended Run Short Depth Technical Specifications



	SMX2000LV SMX2000LVNC	SMX3000LV SMX3000LVNC	SMX3000HVT
<b>Output</b>			
Power Capacity	1800W / 2000VA	2700W / 3000VA	2700W / 3000VA
Nominal output voltage	120V (user selectable 100 – 127V)		208V (configurable to 220, 230, or 240V nominal)
Output frequency	47 – 53 Hz f or 50 Hz nominal; 57 – 63 Hz f or 60 Hz nominal		
Waveform type	Sine wave		
Output connections (NEMA)	(6) 5-15R (3) 5-20R (1) L5-20R		(2) L6-20R (4) IEC 320 C13 (2) IEC 320 C19
Switched outlet groups	3		
<b>Input</b>			
Nominal input voltage	120V (user selectable 100 – 127V)		208 V
Input voltage range for main operations (Max adjustable)	70 – 153V		
Input frequency	50 / 60 Hz +/- 3 HZ (auto-sensing)		
Input connection	5-20P	L5-30P	L6-20P
<b>Batteries and runtime</b>			
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte; leak proof		
Replacement battery (UPS)	APCRBC143		
External battery pack	SMX120BP		
Replacement battery for external battery pack	APCRBC143		
<b>Communications and management</b>			
APC SmartConnect Enabled	No		
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)	Yes		
<b>Physical</b>			
Maximum height (inches)	17.0		
Maximum width (inches)	7.0		
Maximum depth (inches)	19.0		
Net weight (pounds)	85		
<b>Conformance</b>			
Regulatory	UL 1778, CSA		
Warranty and equipment protection	3-year electronics, 2-year battery, and \$150,000 lifetime EPP		