

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.





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

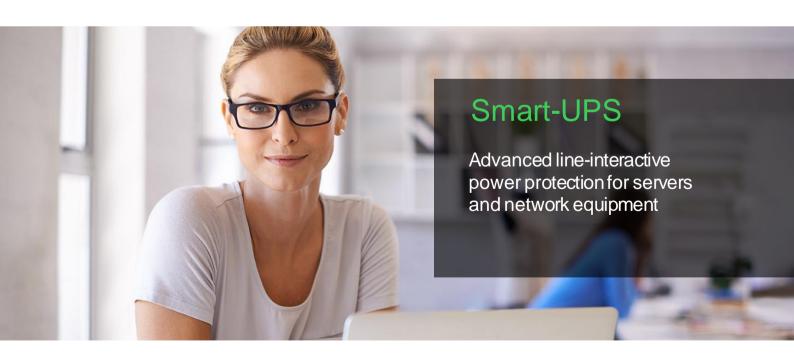
Provides stable power conditions by filtering noise, automatic voltage regulation (AVR), and surge protection

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 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

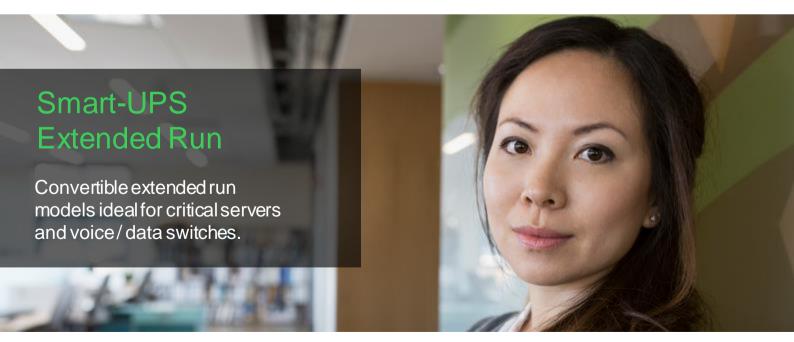
Models with "NC" suffix have pre-installed AP9631 network cards with environmental monitoring

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







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



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:

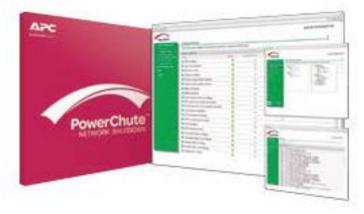
- Graceful system shutdown
- Fault notifications
- Risk-assessment reporting
- Scheduled shutdowns
- Energy-usage reporting
- Centralized monitoring
- Recommended actions
- Battery status
- Outlet-aware shutdown
- Event and data logging
- Power-event summary
- Voltage analysis

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





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:

- Brower 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-tim 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





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



External battery packs

- SM X48RM BP2U: APC Smart-UPS 48V external battery pack rack / tower
- SMX120RMBP2U: APC Smart-UPS 120V external battery pack rack / tower

SMX120RMBP2U



Additional accessories

- AP9625: APC Smart-UPS two-post rail kit
- SM X039-2: APC Smart-UPS 48V battery extension cable
- SM X040: APC Smart-UPS 48V battery extension cable



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





Standard Tower Technical Specifications





	SMT750	SMT1000	SMT1500	SMT2200	SMT3000		
Output							
Power Capacity	500W / 750VA	700W / 1000VA	1000W / 1500VA	1980W / 2200VA	2700W / 3000VA		
Nominal output voltage	120V						
Output f requency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal						
Wav eform type			Sine wav e				
Output connections (NEMA)	(6) 5-15R	(8) 5	5-15R	(8) 5-15R	, (2) 5-20R		
Switched outlet groups	N/A			1			
Input							
Nominal input voltage			120V				
Input v oltage range for main operations (Max adjustable)	82 – 144 (75 – 154V)						
Input frequency		50 /	60 Hz +/- 3 HZ (auto-sen	sing)			
Input connection		5-15P		5-20P	L5-30P		
Batteries and runtime							
Battery type	Maintenance-free sealed lead-acid battery with suspended electrolyte; leak proof						
Replacement battery	RBC48	RBC6	RBC7	RB	C55		
Runtime estimates			-	-			
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		
Communications and manager	nent	•			•		
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						
Physical							
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		
Conformance							
Regulatory	UL 1778, CSA						
Warranty and equipment protection	3-y ear electronics, 2-year battery, and \$150,000 lifetime EPP						





Standard Rackmount Technical Specifications



	SMT750RM2U SMT750RM2UNC	SMT1000RM2U	SMT1500RM1U	SMT1500RM2U	SMT2200RM2U	SMT3000RM2U		
Output								
Power Capacity	500W / 750VA	700W / 1000VA	1000W / 1500VA	1000W / 1500VA	1980W / 2200VA	2700W / 3000V		
Nominal output voltage			12	20V		-		
Output frequency		47 – 53	3 Hz f or 50 Hz nomina	l; 57 – 63 Hz f or 60 Hz	z nominal			
Wav eform type		Sine wav e						
Output connections (NEMA)	(6) 5	(6) 5-15R (4) 5-15R (6) 5-15R, (2) 5-20R						
Switched outlet groups				1				
Input								
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		
Batteries and runtime								
Battery type		Maintenance-free	e sealed lead-acid batt	ery with suspended ele	ectrolyte; leak proof			
Replacement battery	APCRBC123	APCRBC132	APCRBC88	APCRBC133	RB	C43		
Runtime estimates								
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		
Communications and manag	gement							
APC SmartConnect Enabled	Y	Yes No Yes						
Interface ports		Serial (RJ45), USB, and SmartSlot "NC" v ersions have AP9631 network management card pre-installed in the SmartSlot						
Control panel and audible alarms	Alpha-numeric LC	Alpha-numeric LCD display with LED status indicators; alarm on battery, distinctive low battery alarm and configurable dela						
Emergency power off (EPO)		Optional Yes						
Physical			1	1	1			
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		
Conformance								
Regulatory		UL 1778, CSA						
Warranty and equipment protection		3-y ear electronics, 2-year battery, and \$150,000 lifetime EPP						





Extended Run Rack/ Tower Convertible Technical Specifications



	SMX750 SMX750NC	SMX1000	SMX1500RM2U SMX1500RM2UNC	SMX2000RMLV2U SMX2000RMLV2UNC	SMX2200RMLV2U	SMX3000RMLV2U SMX3000RMLV2UNC	
Output							
Power Capacity	600W / 750VA	800W / 1000VA	1200W / 1500VA	1800W / 2000VA	1980W / 2200VA	2700W / 3000VA	
Nominal output voltage			12	0V			
Output f requency		47 –	53 Hz for 50 Hz nominal;	; 57 – 63 Hz f or 60 Hz non	ninal		
Waveformtype			Sine	wav e			
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	3		
Input							
Nominal input voltage		120V			100 – 127V		
Input v oltage range for main operations (Max adjustable)	82 - 144 (75 - 154V)			70 – 153V			
Input frequency			50 / 60 Hz +/- 3 H	IZ (auto-sensing)			
Input connection	5-15P		5-20P	L5·	-30P		
Batteries and runtime							
Battery type		Maintenance-f	ree sealed lead-acid batte	ery with suspended electro	lyte; leak proof		
Replacement battery (UPS)	APCR	BC116	APCRBC115	APCRBC117			
External battery pack	SMX48RMBP2U SMX120RMBP2U						
Replacement battery for external battery pack	APCRBC115			APCRBC118			
Communications and mar	nagement						
APC SmartConnect Enabled			N	lo			
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)			Y	es			
Physical							
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	
Conformance							
Regulatory	UL 1778, CSA						
Warranty and equipment protection	3-y ear electronics, 2-year battery, and \$150,000 lifetime EPP						





Extended Run Short Depth Technical Specifications



	SMX2000LV SMX2000LVNC	SMX3000LV SMX3000LVNC	SMX3000HVT		
Output					
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	for 50 Hz nominal; 57 – 63 Hz for	60 Hz nominal		
Wav eform type	Sine wav e				
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	•		
Input					
Nominal input voltage	120V (user selectable 100 – 127V)		208 V		
Input voltage range for main operations (Max adjustable)	70 – 153V				
Input f requency		50 / 60 Hz +/- 3 HZ (auto-sensing	g)		
Input connection	5-20P	L5-30P	L6-20P		
Batteries and runtime			•		
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			
Communications and management					
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 ala and configurable delays				
Emergency power off (EPO)	Yes				
Physical					
Maximum height (inches)	17.0				
Maximum width (inches)	7.0				
Maximum depth (inches)	19.0				
Net weight (pounds)	85				
Conformance					
Regulatory	UL 1778, CSA				
Warranty and equipment protection	3-y ear electronics, 2-year battery, and \$150,000 lifetime EPP				



