



Maintain business certainty with intelligent and efficient network power protection for your network closets and server rooms.

Smart-UPS™

The world's most popular network and server UPS. Entry level to scalable runtime solutions Smart-UPS are ideal for servers, point-of-sale, routers, switches, hubs, and other network devices.

www.apc.com

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Smart-UPS™

Advanced line interactive power protection for servers and network equipment



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. Available in a variety of form factors (tower, rack mount, rack/tower convertible) there is a model for every application and budget.

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

- Reliable
- Intelligent
- Efficient
- Manageable

Trusted by millions of IT professionals throughout the world Smart-UPS models have long been considered the benchmark for all network and server UPSs. Rack-mounted Smart-UPS are ideal for powering Blade or density optimized servers in a distributed power protection environment as the primary or redundant protection solution. The extended run Smart-UPS model has the capability to add external battery packs to scale runtime from minutes to hours typically needed for converged voice and data network power protection.

Smart-UPS accessories include additional manageability options through the Smart-Slot interface, which is an internal slot for the installation of optional accessory cards. A variety of backplate PDU options, external standard and switched PDU options, management devices, service products and mounting options are also available. These accessories can customize your solution to increase availability, adaptability, serviceability, manageability and performance.

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Smart-UPS Tower and Rack-mount 750 – 3,000 VA

Application-optimized standard models, ideal for servers, storage, point-of-sale, and other network devices



[SMT750]



[SMT1500RM1U]



[SMT1500RM2U]



[SMT750]



[SMT1500RM2U]

Standard Features

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 most 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

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Smart-UPS Extended Run 750 – 3,000 VA

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



[SMX1500RM2U]



[SMX3000LV]



[SMX1500RM2UNC]

Additional Features

Slim 2U Rack/Tower and 4U Short Depth

Convertible Forms: Display rotates easily for use in or out of a rack.

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

Models available with preinstalled network 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

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Smart-UPS Display

Intuitive, easy-to-use LCD interface



Idioma:
Español

Load Energy:
10.000KWH

UPS Serial No:
WA090100000001

Replace Battery
by: Jan-2020

Standard Features

LCD display screen: Clear, consistent, and detailed information in your choice of basic or advanced menus

Power status:

- Operating mode and efficiency
- Load VA/Watts/Amps
- Input/output voltage and frequency
- Battery capacity and runtime
- Energy meter and more

Control: UPS and outlet group settings

Configuration:

- Language
- Power quality settings
- Alarm, delay and threshold settings

Test and diagnostics: Initiate battery and runtime calibration tests

Load Energy Meter: Track energy usage in kilo watt hours

Logs: See explanation of last 10 transfers and faults

About Menu: Displays UPS and replacement battery part numbers, serial numbers, battery install, and proactive replacement battery dates

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

Escape Button (Esc): Exits to the previous menu or screen

Return Button (←): Used to enter or confirm settings

Navigation arrows: Allow for quick adjustment of settings

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Products 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



Battery Packs

SMX48RMBP2U: APC Smart-UPS 48 V External Battery Pack Rack/Tower

SMX120RMBP2U: APC Smart-UPS 120 V External Battery Pack Rack/Tower

Additional Accessories

AP9625: APC Smart-UPS Two-post Rail Kit

SMX039-2: APC Smart-UPS 48 V Battery Extension Cable

SMX040: APC Smart-UPS 48 V Battery Extension Cable



[AP9631]

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

SBP30000: APC Service Bypass Panel, 100 – 240 V; 30 AMP ; BBM; Hard-wire Input/Output

SBP3000RMHW: APC Service Bypass Panel- 100-240 V; 30 AMP ; BBM; Hard-wire Input/Output



[SBP3000RM]

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Smart-UPS

Standard Tower models

	SMT750	SMT1000	SMT1500	SMT2200	SMT3000
Output					
Power capacity	500 W/750 VA	700 W/1000 VA	1000 W/1500 VA	1980 W/2200 VA	2700 W/3000 VA
Nominal output voltage	120 V				
Output frequency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal				
Wave form type	Sine wave				
Output connections (NEMA)	(6) 5-15R	(8) 5-15R		(8) 5-15R, (2) 5-20R	
Switched outlet groups	-	1			
Input					
Nominal input voltage	120 V				
Input voltage range for main operations (Max adjustable range)	82 – 144 V (75 – 154 V)				
Input frequency	50/60 Hz +/-3 Hz (auto sensing)				
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	RBC55	
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
1000 W	-	-	:07	:21	:23
1400 W	-	-	-	:13	:14
1600 W	-	-	-	:10	:12
Full Load	:05	:06	:07	:07	:06
Communication and management					
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	112	116
Conformance					
Regulatory	UL 1778, CSA				
Warranty and equipment protection policy	3-year electronics, 2-years battery, and \$150,000 lifetime EPP				

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Standard Rack-mount models

	SMT750RM2U SMT750RM2UNC	SMT1000RM2U	SMT1500RM1U	SMT1500RM2U	SMT2200RM2U	SMT3000RM2U
Output						
Power capacity	500 W/750 VA	700 W/1000 VA	1000 W/1500 VA	1000 W/1500 VA	1980 W/2200 VA	2700 W/3000 VA
Nominal output voltage	120 V					
Output frequency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal					
Wave form 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					
Input						
Nominal input voltage	120 V					
Input voltage range for main operations (Max adjustable range)	82 – 144 V (75 – 154 V)					
Input frequency	50/60 Hz +/-3 Hz (auto sensing)					
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	APCRBC123	APCRBC132	APCRBC88	APCRBC133	RBC43	
Runtime estimates						
200 W	:24	1:10	1:32	:27	1:24	1:26
500 W	:05	:17	:26	:12	:35	:38
600 W	-	:12	:19	:09	:28	:31
700 W	-	:09	:14	:07	:24	:26
1000 W	-	-	:07	:04	:15	:17
1400 W	-	-	-	-	:09	:11
1600 W	-	-	-	-	:07	:09
Full Load	:06	:09	:07	:04	:05	:03
Communication and management						
Interface ports	Serial ((RJ45), USB, and SmartSlot "NC" versions have a AP9631 network management card preinstalled 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	
Physical						
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	27.0
Net weight (pounds)	38	62	53	63	93	97
Conformance						
Regulatory	UL 1778, CSA					
Warranty and equipment protection policy	3-year electronics, 2-years battery, and \$150,000 lifetime EPP					

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Extended Run Rack/Tower Convertible 2U models

	SMX750 SMX750NC	SMX1000	SMX1500RM2U SMX1500RM2UNC	SMX2000RMLV2U SMX2000RMLV2UNC	SMX2200RMLV2U	SMX3000RMLV2U SMX3000RMLV2UNC
Output						
Power capacity	600 W/750 VA	800 W/1000 VA	1200 W/1500 VA	1800 W/2000 VA	1980 W/2200 VA	2700 W/3000 VA
Nominal output voltage	120 V					
Output frequency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal					
Wave form type	Sine wave					
Output connections (NEMA)	(8) 5-15R		(3) 5-15R (3) 5-20R L5-20R	(1)	(6) 5-15R ,(2) 5-20R	(3) 5-15R (3) 5-20R (1) L5-30P
Switched outlet groups	1	2	3			
Input						
Nominal input voltage	120 V			100 - 127 V		
Input voltage range for main operations (Max adjustable range)	82 – 144 V (75 – 154 V)			70 - 153 V		
Input frequency	50/60 Hz +/-3 Hz (auto sensing)					
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 (UPS)	APCRBC116	APCRBC115	APCRBC117			
External Battery Pack (XBP)	SMX48RMBP2U			SMX120RMBP2U		
Replacement battery (XBP)	APCRBC115			APCRBC118		
Typical backup time at varying load conditions, and with external battery packs	Please refer to www.apc.com for runtime charts					
Communication and management						
Interface ports	Serial ((RJ45), USB, and SmartSlot "NC" versions have a AP9631 network management card preinstalled 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					
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 policy	3-year electronics, 2-years battery, and \$150,000 lifetime EPP					

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Extended Run Rack/Tower Convertible 4U Short Depth models

	SMX2000LV SMX2000LVNC	SMX3000LV SMX3000LVNC	SMX3000HVT
Output			
Power capacity	1800 W/2000 VA	2700 W/3000 VA	2700 W/3000 VA
Nominal output voltage	120 V (user selectable 100 - 127 V)		208 V (configurable to 220, 230, or 240 V nominal)
Output frequency	47 – 53 Hz for 50 Hz nominal; 57 – 63 Hz for 60 Hz nominal		
Wave form type	Sine wave		
Output connections (NEMA)	(6) 5-15R (3) 5-20R (1) L5-20R	(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	120 V (user selectable 100 - 127 V)		208 V
Input voltage range for main operations (Max adjustable range)	70 - 153 V		
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)		
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 (XBP)	SMX120BP		
Replacement battery (XBP)	APCRBC143		
Typical backup time at varying load conditions, and with external battery packs	Please refer to www.apc.com for runtime charts		
Communication and management			
Interface ports	Serial ((RJ45), USB, and SmartSlot "NC" versions have a AP9631 network management card preinstalled 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		
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 policy	3-years electronics, 2-years battery, and \$150,000 lifetime EPP		

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