



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 scaleable runtime solutions Smart-UPS are ideal for servers, point-of-sale, routers, switches, hubs, and other network devices.

www.apc.com

Life Is On

APC by Schneider Electric

Not for consumer use.

Smart-UPS™

Advanced line interactive power protection for servers and network equipment



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

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.

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.

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



[SMT750I]



[SMT1500RMI1U]



[SMT1500RMI2U]



[SMT750I]



[SMT1500RMI2U]

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

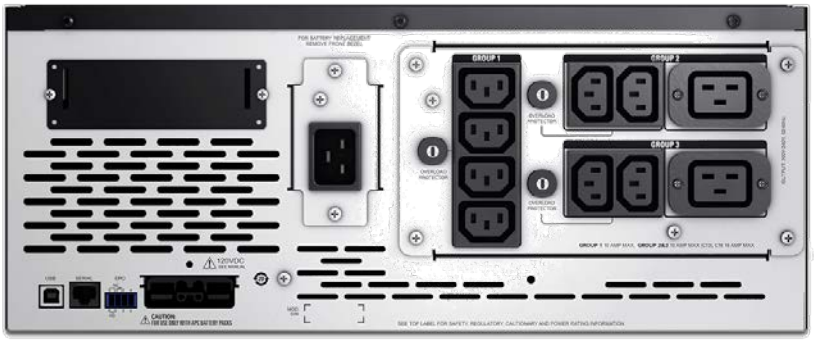
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Smart-UPS Extended Run 750 – 3,000 VA

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



[SMX1500RMI2U]



[SMX3000HV]





[SMX1500RMI2UNC]

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

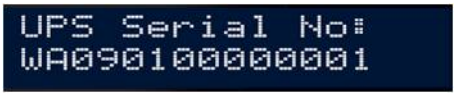
Smart-UPS Display

Intuitive, easy-to-use LCD interface











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

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

SBP3000: APC Service Bypass Panel 100 – 240 V: 30 A; BBM; Hard-wire Input/Output

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



[SBP3000RM]

Smart-UPS

Standard Tower models

	SMT750I	SMT1000I	SMT1500I	SMT2200I	SMT3000I
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	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				
Wave form type	Sine wave				
Output connections (NEMA)	(6) IEC320 C13	(8) IEC 320 C13		(8) IEC320 C13, (1) IEC320 C19	
Switched outlet groups	-	1			
Input					
Nominal input voltage	230 V				
Input voltage range for main operations (Max adjustable range)	160 – 285 V (151 – 302 V)				
Input frequency	50/60 Hz +/-3 Hz (auto sensing)				
Input connection	IEC320 C14			IEC320 C20, Schuko CEE7/EU1-16), British BS1363A	
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 - cm (in)	16.1 (6.2)	21.9 (8.5)	21.9 (8.5)	43.5 (17)	
Maximum width - cm (in)	13.8 (5.4)	17.1 (6.7)	17.1 (6.7)	19.7 (7.7)	
Maximum depth - cm (in)	36.3 (14.1)	43.9 (17.3)	43.9 (17.3)	54.4 (21.5)	
Net weight - kg (lb)	13.2 (29)	18.86 (42)	18.86 (53)	48.8 (108)	52.5 (116)
Conformance					
Regulatory	RCM, CE, EN62040-1, EN62040-2, EAC, VDE				
Warranty	3-year electronics, 2-years battery				

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Standard Rack-mount models

	SMT750RMI2U SMT750RMI2UNC	SMT1000RMI2U	SMT1500RMI1U	SMT1500RMI2U SMT1500RMI2UNC	SMT2200RMI2U SMT2200RMI2UNC	SMT3000RMI2U SMT3000RMI2UNC
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	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					
Wave form type	Sine wave					
Output connections (NEMA)	(4) IEC320 C13				(8) IEC320 C13, (1) IEC320 C19	
Switched outlet groups	1					
Input						
Nominal input voltage	230 V					
Input voltage range for main operations (Max adjustable range)	160 - 286 V (150 - 300 V)		170 - 304 V	160 - 286 V (150 - 300 V)		
Input frequency	50/60 Hz +/-3 Hz (auto sensing)					
Input connection	IEC320 C14				IEC320 C20	
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 CM (inches)	8.9 (3.5)	8.9 (3.5)	4.4 (1.75)	8.9 (3.5)	8.9 (3.5)	8.9 (3.5)
Maximum width CM (inches)	43.2 (17.0)	43.2 (17.0)	43.2 (17.0)	43.2 (17.0)	48.0 (19.0)	48.0 (19.0)
Maximum depth CM (inches)	40.6 (16.0)	45.7 (18.0)	66.0 (26.0)	45.7 (18.0)	68.3 (26.0)	68.3 (26.0)
Net weight klg (pounds)	17.27 (38)	28.18 (62)	24.09 (53)	28.64 (63)	42.31 (96)	44.28 (96)
Conformance						
Regulatory	RCM, CE, EN62040-1, EN62040-2, EAC, VDE					
Warranty	3-year electronics, 2-years battery					

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Extended Run Rack/Tower Convertible 2U models

	SMX750I SMX750INC	SMX1000I	SMX1500RMI2U SMX1500RMI2UNC	SMX2200RMHV2U SMX2200R2HVNC	SMX3000RMHV2U SMX3000RMHV2UNC
Output					
Power capacity	600 W/750 VA	800 W/1000 VA	1200 W/1500 VA	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				
Wave form type	Sine wave				
Output connections (NEMA)	(8) IEC320 C13			(8) IEC320 C13, (1) IEC320 C19	
Switched outlet groups	1	2	3		
Input					
Nominal input voltage	230 V				
Input voltage range for main operations (Max adjustable range)	160 - 286 V (150 - 300 V)			140 - 280 v	
Input frequency	50/60 Hz +/-3 Hz (auto sensing)				
Input connection	IEC320 C14			IEC320 C20	
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 - cm (inches)	8.9 (3.5)	8.9 (3.5)	8.9 (3.5)	8.9 (3.5)	8.9 (3.5)
Maximum width - cm (inches)	43.2 (17.0)	43.2 (17.0)	43.2 (17.0)	43.2 (17.0)	43.2 (17.0)
Maximum depth cm (inches)	49.3 (19.0)	49.3 (19.0)	49.3 (19.0)	66.7 (26.26)	66.7 (26.26)
Net weight kg (pounds)	23 (48.5)	22.9 (50.3)	24.8 (54.6)	37.3 (82.1)	37.3 (82.1)
Conformance					
Regulatory	RCM, CE, EN62040-1, EN62040-2, EAC, VDE				
Warranty	3-year electronics, 2-years battery				

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Extended Run Rack/Tower Convertible 4U Short Depth models

	SMX2200HV SMX2200HVNC	SMX3000LV SMX3000LVNC
Output		
Power capacity	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	
Wave form type	Sine wave	
Output connections (NEMA)	(8) IEC320 C13 and (2) IEC320 C19	
Switched outlet groups	3	
Input		
Nominal input voltage	230 V (configurable to 220 or 240 V nominal)	
Input voltage range for main operations (Max adjustable range)	140 - 280 V	
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)	
Input connection	IEC320 C20	
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 chats	
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 cm (inches)	43.2 (17.0)	
Maximum width cm (inches)	17.8 (7.0)	
Maximum depth cm (inches)	48.3 (19.0)	
Net weight kg (pounds)	38.6 (85)	
Conformance		
Regulatory	RCM, CE, EN62040-1, EN62040-2, EAC, VDE	
Warranty	3-years electronics, 2-years battery	