



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.

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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



[ SMT750I ]



[ SMT1500RM11U ]



[ SMT1500RM12U ]



[ SMT1500RM12U ]



[ SMT750I ]

## 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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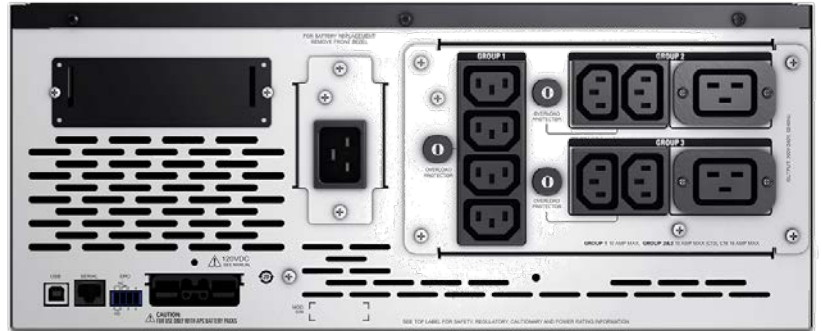
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# Smart-UPS Extended Run 750 – 3,000 VA

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



[ SMX1500RM12U ]



[ SMX3000HV ]



[ SMX1500RM12UNC ]

## 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

**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 ]

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# Smart-UPS

## Standard Tower models

|  | SMT750I   | SMT1000I        | SMT1500I       | SMT2200I   | SMT3000I       |
|--|---|-----------------|----------------|--|----------------|
| <b>Output</b>  |   |                 |                |  |                |
| 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               |                |  |                |
| <b>Input</b>   |   |                 |                |  |                |
| 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 |                |
| <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>                                       |   |                 |                |  |                |
| 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            |
| <b>Communication and management</b>                            |   |                 |                |  |                |
| 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 - 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)     |
| <b>Conformance</b>   |   |                 |                |  |                |
| 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<br>SMT750RMI2UNC  | SMT1000RMI2U  | SMT1500RMI1U              | SMT1500RMI2U<br>SMT1500RMI2UNC | SMT2200RMI2U<br>SMT2200RMI2UNC | SMT3000RMI2U<br>SMT3000RMI2UNC |
|--|---|---------------|---------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Output*</b>   |   |               |                           |                                |                                |                                |
| 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   |               |                           |                                |                                |                                |
| <b>Input</b>   |   |               |                           |                                |                                |                                |
| 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                     |                                |
| <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>                                       |   |               |                           |                                |                                |                                |
| 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                            |
| <b>Communication and management</b>                            |   |               |                           |                                |                                |                                |
| Interface ports  | Serial ((RJ45), USB, and SmartSlot<br>"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                            |                                |
| <b>Physical</b>  |   |               |                           |                                |                                |                                |
| 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)                     |
| <b>Conformance</b>   |   |               |                           |                                |                                |                                |
| 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<br>SMX750INC  | SMX1000I      | SMX1500RMI2U<br>SMX1500RMI2UNC | SMX2200RMHV2U<br>SMX2200R2HVNC | SMX3000RMHV2U<br>SMX3000RMHV2UNC |
|---|---|---------------|--------------------------------|--------------------------------|----------------------------------|
| <b>Output</b>   |   |               |                                |                                |                                  |
| 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                              |                                |                                  |
| <b>Input</b>  |   |               |                                |                                |                                  |
| 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                     |                                  |
| <b>Batteries and runtime</b>  |   |               |                                |                                |                                  |
| Battery type  | Maintenance-free sealed lead-acid battery with suspended electrolyte; leak proof  |               |                                |                                |                                  |
| Replacement battery (UPS)   | APCRBC116   | APCRBC115     | 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 <a href="http://www.apc.com">www.apc.com</a> for runtime charts   |               |                                |                                |                                  |
| <b>Communication and management</b>   |   |               |                                |                                |                                  |
| Interface ports   | Serial ((RJ45), USB, and SmartSlot<br>"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   |               |                                |                                |                                  |
| <b>Physical</b>   |   |               |                                |                                |                                  |
| 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)                      |
| <b>Conformance</b>  |   |               |                                |                                |                                  |
| 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<br>SMX2200HVNC  | SMX3000LV<br>SMX3000LVNC |
|---|---|--------------------------|
| <b>Output</b>   |   |                          |
| 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   |                          |
| <b>Input</b>  |   |                          |
| 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  |                          |
| <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 (XBP)   | SMX120BP  |                          |
| Replacement battery (XBP)   | APCRBC143   |                          |
| Typical backup time at varying load conditions, and with external battery packs | Please refer to <a href="http://www.apc.com">www.apc.com</a> for runtime charts   |                          |
| <b>Communication and management</b>   |   |                          |
| Interface ports   | Serial ((RJ45), USB, and SmartSlot<br>"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   |                          |
| <b>Physical</b>   |   |                          |
| 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)   |                          |
| <b>Conformance</b>  |   |                          |
| Regulatory  | RCM, CE, EN62040-1, EN62040-2, EAC, VDE   |                          |
| Warranty  | 3-years electronics, 2-years battery  |                          |

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