

# NEW APC Smart-UPS®

Advanced line interactive power protection for servers and network equipment.



The world's most popular network and server UPS.

Award-winning Smart-UPS® protects critical data by supplying reliable, network-grade power in either traditional tower or rack-optimized convertible form factor.. Included PowerChute® management software provides IT administrators the comfort of safe system shutdown and advanced UPS management.

- *Reliable*
- *Intelligent*
- *Efficient*
- *Manageable*



**APC**<sup>®</sup>  
by Schneider Electric

# APC Smart-UPS®

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

## Tower 750-3000VA



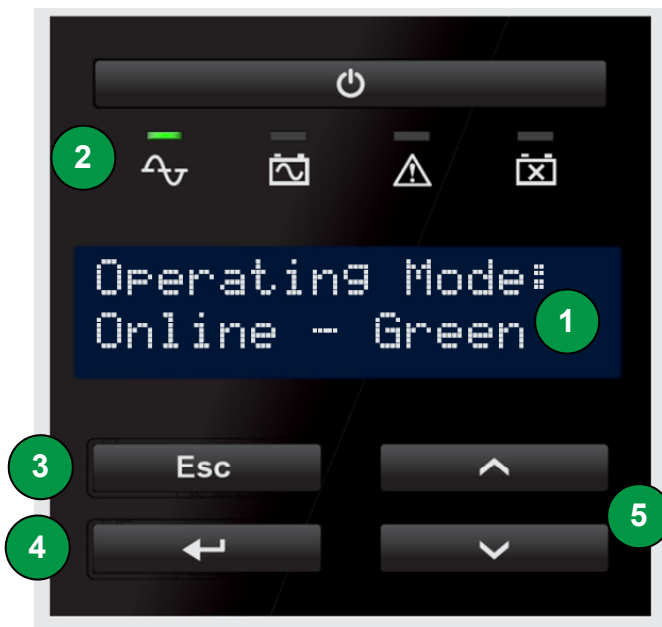
### Standard features:

- 1 Alpha/numeric LCD Display**  
Intuitive interface provides detailed and accurate information with ability to configure locally.
- 2 High Efficiency Green Mode**  
optimum efficiency which saves utility and cooling costs
- 3 Network Grade Power Conditioning**  
Extended range automatic voltage regulation (AVR), noise filtering and surge protection.
- 4 Advanced battery management**  
Temperature compensated charging extends life and advanced algorithms recommend replacement date.
- 5 Communication Ports**  
Serial, USB and Smart-slot for accessory cards
- 6 Switched Outlet Group**  
Reboot hung devices, shed non-critical loads to conserve runtime, sequenced start-up/turn off.
- 7 Battery disconnect**  
Convenient way to disconnect battery for transport

# APC Smart-UPS® Display

Intuitive, easy to use LCD interface.

On all SMT and SMX models.



1

## 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 setting
- Sensitivity
- Voltage transfer points
- Alarm, delay and threshold settings

### Test and diagnostics:

- Initiate battery and runtime calibration tests

### Logs:

- See explanation of last ten transfers and faults

### About:

- UPS and replacement battery part numbers
- Serial numbers
- Battery install and suggested replacement dates

2

## Quick Status Indicators

Online, on battery, fault and replace battery Leds for quick status identification.

3

## Escape

Exits to the previous menu or screen.

4

## Return

Used to enter or confirm settings.

5

## Navigation arrows

Allows quick adjustment of settings.

## Standard Tower models

| Product feature  | SMT750I   | SMT1000I  | SMT1500I          | SMT2200I   | SMT3000I           |
|--|---|---|-------------------|--|--------------------|
| <b>Output</b>  |   |   |                   |  |                    |
| Power Capacity   | 500W/750VA  | 670W/1000VA   | 980W/1500VA       | 1980W/2200VA   | 2700W/3000VA       |
| Nominal Output Voltage   | 230V  |   |                   |  |                    |
| Output Frequency   | 57-63Hz   |   |                   |  |                    |
| Wave Form Type   | Sine wave   |   |                   |  |                    |
| Output Connections   | (6) IEC320 C13  | (8) IEC320 C13  |                   | (8) IEC320 C13 & (1) IEC320 C19                      |                    |
|  |   | Outlets arranged in two groups of which one is controllable |                   |  |                    |
| <b>Input</b>   |   |   |                   |  |                    |
| Nominal Input Voltage  | 230V  |   |                   |  |                    |
| Input Voltage Range for main operations (Max adjustable range) | 160-285V (151-302V)   |   |                   |  |                    |
| Input Frequency  | 50/60 Hz +/-3 Hz (auto sensing)   |   |                   |  |                    |
| Input Connection   | IEC320 C14  |   |                   | IEC-320 C20, Schuko CEE 7 / EU1-16P, British BS1363A |                    |
| <b>Batteries and Runtime</b>                                   |   |   |                   |  |                    |
| Battery Type   | Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof  |   |                   |  |                    |
| Typical Backup Time at 1/2 Load (min)                          | 16 min  | 21 min  | 24 min            | 24 min   | 14 min             |
| Typical Backup Time at full Load (min)                         | 5 min   | 6 min   | 7 min             | 7 min  | 6 min              |
| Replacement Battery  | RBC48   | RBC6  | RBC7              | RBC55  |                    |
| <b>Communication and Management</b>                            |   |   |                   |  |                    |
| Interface Ports  | Serial (RJ45), USB and Smart-Slot   |   |                   |  |                    |
| 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>Surge Protection and Filtering</b>                          |   |   |                   |  |                    |
| Surge Energy Rating  | 340J  | 320J  | 480J              | 365J   |                    |
| Filtering  | Full time multi-pole noise filtering: 0.3% IEEE surge let-through, zero clamping response time, meets UL1449                  |   |                   |  |                    |
| <b>Physical</b>  |   |   |                   |  |                    |
| Maximum Height cm (in)   | 15.7cm (6.2 in)   | 21.6 cm (8.5 in)  | 21.6 cm (8.5 in)  | 43.2 cm (17.0 in)                                    |                    |
| Maximum Width cm (in)  | 13.7 cm (5.4 in)  | 17.0 cm (6.7 in)  | 17.0 cm (6.7 in)  | 196 cm (7.7 in)                                      |                    |
| Maximum Depth cm (in)  | 35.8 cm (14.1 in)   | 43.9 cm (17.3 in)   | 43.9 cm (17.3 in) | 54.6 cm (21.5 in)                                    |                    |
| Net Weight kg (lbs)  | 13.8 kg (29 lbs)  | 18.86 kg (42 lbs)   | 24.1 kg (53 lbs)  | 50.92 kg (112 lbs)                                   | 55.92 kg (123 lbs) |
| <b>Conformance</b>   |   |   |                   |  |                    |
| Regulatory   | C-tick, CE, EN 50091-1, EN 50091-2, GOST, VDE   |   |                   |  |                    |
| Warranty   | 3 years electronics, 2 years battery  |   |                   |  |                    |

# NEW APC Smart-UPS® Extended Run

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

## Extended Run 750-1500VA



Additional features from standard:

1

**Slim 2U Rack/Tower Convertible Form**

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

2

**High Frequency Design**

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

3

**Models available with Pre-installed Network Cards**

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

4

**Smart External Battery Connector**

Accept external batteries and increases runtime automatically to increase availability

5

**Switched Outlet Groups**

Reboot hung devices, shed non-critical loads to conserve runtime, sequenced start-up/turn off.

6

**Emergency Power Off (EPO)**

Provides for remote UPS shutoff in the event of a fire or other emergency.



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## Extended Run Rack/Tower Convertible models

| Product feature  | SMX750I   | SMX1000I  | SMX1500RMI2U  |
|--|---|---|---|
| <b>Output</b>  |   |   |   |
| Power Capacity   | 600W / 750VA  | 800W / 1000VA   | 1200W / 1500VA  |
| Nominal Output Voltage                                   | 230V  |   |   |
| Output Frequency   | 57-63Hz   |   |   |
| Wave Form Type   | Sine wave   |   |   |
| Output Connections                                       | (8) IEC320 C13 outlets.   |   |   |
|  | Outlets are in two groups of which one is controllable  | Outlets are in three groups of which two are controllable | Outlets are in three groups of which three are controllable |
| <b>Input</b>   |   |   |   |
| Nominal Input Voltage                                    | 230V  |   |   |
| Input Voltage Range for main operations (Max adj. range) | 160-286V (150-300V)   |   |   |
| Input Frequency  | 50/60 Hz +/-3 Hz (auto sensing)   |   |   |
| Input Connection   | IEC320 C14  |   |   |
| <b>Batteries and Runtime</b>                             |   |   |   |
| Battery Type   | Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof  |   |   |
| Typical Backup Time at half Load (min)                   | 34 min  | 20 min  | 14 min  |
| Typical Backup Time at full Load (min)                   | 12 min  | 8 min   | 5 min   |
| Replacement Battery                                      | APCRBC116   |   | APCRBC115   |
| External Battery Pack                                    | SMX48RMBP2U   |   |   |
| <b>Communication and Management</b>                      |   |   |   |
| Interface Ports  | Serial (RJ45), USB and Smart-Slot   |   |   |
| Control Panel and 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>Surge Protection and Filtering</b>                    |   |   |   |
| Surge Energy Rating                                      | 540J  |   |   |
| Filtering  | Full time multi-pole noise filtering: 0.3% IEEE surge let-through, zero clamping response time, meets UL1449                  |   |   |
| <b>Physical</b>  |   |   |   |
| Maximum Height cm (in)                                   | 8.9 cm (3.5 in) (2U)  |   |   |
| Maximum Width cm (in)                                    | 43.2 cm (17.0 in)   |   |   |
| Maximum Depth cm (in)                                    | 49 cm (19.3 in)   |   |   |
| Net Weight kg (lbs)                                      | 22 kg (48.5 lbs)  | 22.9 kg (50.3 lbs)  | 25 kg (55 lbs)  |
| <b>Conformance</b>                                       |   |   |   |
| Regulatory   | C-tick, CE, EN 50091-1, EN 50091-2, GOST, VDE   |   |   |
| Warranty   | 3 years electronics, 2 years battery  |   |   |