

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 Smart-UPS®

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

Tower 750-3000VA



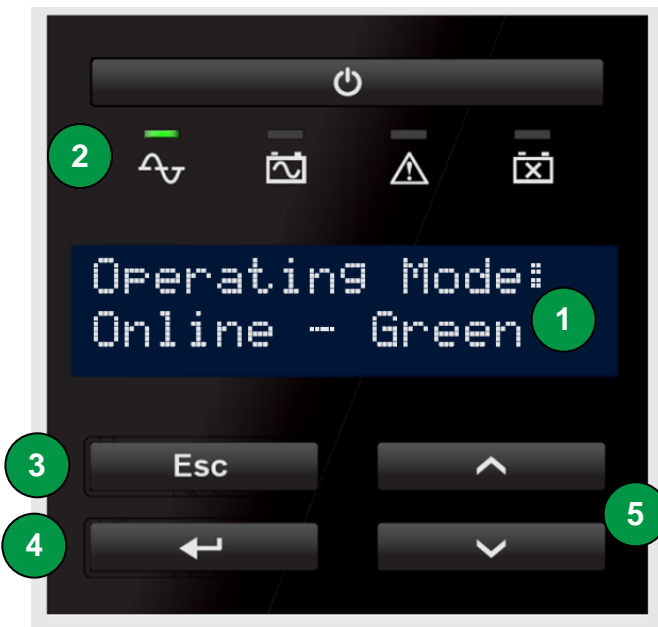
Standard features:

- 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

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.

2

Quick Status Indicators

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

Standard Tower models

Product feature	SMT750	SMT1000	SMT1500	SMT2200	SMT3000	
Output						
Power Capacity	500W/750VA	670W/1000VA	980W/1500VA	1980W/2200VA	2700W/3000VA	
Nominal Output Voltage	120V					
Output Frequency	57-63Hz					
Wave Form Type	Sine wave					
Output Connections	(6) NEMA 5-15R	(8) NEMA 5-15R		(8) NEMA 5-15R (2) NEMA 5-20R		
Input						
Nominal Input Voltage	120V					
Input Voltage Range for main operations (Max adjustable range)	82-144V (75-154V)					
Input Frequency	50/60 Hz +/-3 Hz (auto sensing)					
Input Connection	NEMA 5-15P, 6ft cord			NEMA 5-20P	NEMA L5-30P	
Batteries and Runtime						
Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof					
Typical Backup Time at 1/2 Load (min)	15.9 min	20.6 min	23.9 min	24.1 min	13.6 min	
Typical Backup Time at full Load (min)	4.6 min	6.1 min	6.7 min	6.7 min	5.5 min	
Replacement Battery	RBC48	RBC6	RBC7	RBC55		
Communication and Management						
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		
Surge Protection and Filtering						
Surge Energy Rating	540J	459J				
Filtering	Full time multi-pole noise filtering: 0.3% IEEE surge let-through, zero clamping response time, meets UL1449					
Physical						
Maximum Height (in)	6.20in	8.50 in	8.50 in	17.0 in	17.0 in	
Maximum Width (in)	5.40in	6.70 in	6.70 in	7.7 in	7.7 in	
Maximum Depth (in)	14.10in	17.3 in	17.3 in	21.5 in	21.5 in	
Net Weight	29 lbs	42 lbs	53 lbs	112 lbs	116 lbs	
Conformance						
Regulatory	UL 1778, FCC Part 15 Class A, CSA					
Warranty and Equipment Protection Policy	3 years electronics, 2 years battery and \$150,000 lifetime EPP					

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.

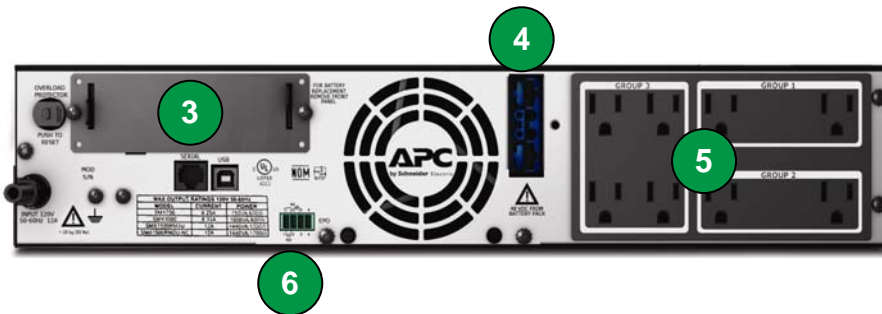
2 High Frequency Design
Reduces size of (or eliminates) bulky transformers making installation even easier.

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.



Extended Run Rack/Tower Convertible models

Product feature	SMX750	SMX1000	SMX1500RM2U
Output			
Power Capacity	500W 750VA	800W 1000VA	1200W 1500VA
Nominal Output Voltage	120V		
Output Frequency	57-63Hz		
Wave Form Type	Sine wave		
Output Connections (NEMA)	(8) 5-15R (750 has 1 group, 1000 has 2, 1500 has 3)		
Input			
Nominal Input Voltage	120V		
Input Voltage Range for main operations (Max adj. range)	82-143V (75-153V)		
Input Frequency	50/60 Hz +/-3 Hz (auto sensing)		
Input Connection	NEMA 5-15P 8 ft cord		
Batteries and Runtime			
Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof		
Typical Backup Time at ½ Load (min)	24 min	20 min	14 min 5 min
Typical Backup Time at full Load (min)	12 min	8 min	
Replacement Battery	APCRBC116		APCRBC115
External Battery Pack	SMX48RMBP2U		
Communication and Management			
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		
Surge Protection and Filtering			
Surge Energy Rating	645J		
Filtering	Full time multi-pole noise filtering: 0.3% IEEE surge let-through, zero clamping response time, meets UL1449		
Physical			
Maximum Height (in)	3.5 in (2U)		
Maximum Width (in)	17 in		
Maximum Depth	19 in		
Net Weight	49	50	55
Conformance			
Regulatory	UL 1778, FCC Part 15 Class A, CSA		
Warranty and Equipment Protection Policy	3 years electronics, 2 years battery and \$150,000 lifetime EPP		