

## Smart-UPS SC

### **APC Smart-UPS SC 1500VA 120V - 2U Rackmount/Tower**



APC Smart-UPS SC, 865 Watts / 1440 VA, Input 120V / Output 120V, Rack Height 2 U

**Includes:** CD with software, Documentation CD, Rack Mounting brackets, Smart UPS signalling RS-232 cable, USB cable, User Manual

**Standard Lead Time:** Usually in Stock

## SC1500 Features

|                           |   |
|---------------------------|---|
| USB Connectivity          | Provides management of the UPS via a USB port (not available on all models).                    |
| Rack/Tower convertible    | Protects the initial investment in the UPS when migrating from tower to rack-mount environment. |
| Multiple mounting methods | Allows for standardization on one product for use in different environments.                    |
| Front-access servicing    | Simplifies installation and maintenance while minimizing space requirements.                    |

## Smart-UPS SC Features & Benefits

### Manageability

|                                  |  |
|----------------------------------|--|
| Network manageable               | Provides remote management of the UPS over the network.  |
| Audible Alarms                   | Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition. |
| Automatic self-test              | Periodic battery self-test ensures early detection of a battery that needs to be replaced.                   |
| Battery failure notification     | Provides early-warning fault analysis on batteries enabling timely preventive maintenance                    |
| Serial Connectivity              | Provides management of the UPS via a serial port.  |
| LED status indicators            | Quickly understand unit and power status with visual indicators.   |
| InfraStruXure Manager Compatible | Enables centralized management via the APC InfraStruXure® Manager.   |

### Economy

|   |  |
|---|--|
| Boost and Trim Automatic Voltage Regulation (AVR) | Gives higher application availability by correcting low and high voltage conditions without using the battery.   |
| Adjustable voltage-transfer points                | Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.  |
| Safety-agency approved                            | Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. UL, FCC, CE, C-Tick approvals. |

### Availability

|   |   |
|---|---|
| Dataline Surge Protection                     | Provides protection of connected equipment from power surges on the data lines.               |
| Power conditioning                            | Protects connected loads from surges, spikes, lightning, and other power disturbances.        |
| Intelligent Battery Management                | Maximizes battery performance, life, and reliability through intelligent, precision charging. |
| Automatic restart of loads after UPS shutdown | Automatically starts up the connected equipment upon the return of utility power.             |
| Cold-start capable                            | Provides temporary battery power when the utility power is out.                               |
| Hot-swappable batteries                       | Ensures clean, uninterrupted power to protected equipment while batteries are being replaced  |
| Resettable circuit breakers                   | Enables a quick recovery from overload events.  |

# Output

|                                  |  |
|----------------------------------|--|
| Output Power Capacity            | 865 Watts / 1440 VA  |
| Max Configurable Power           | 865 Watts / 1440 VA  |
| Nominal Output Voltage           | 120V   |
| Output Voltage Distortion        | Less than 5% at full load                                  |
| Output Frequency (sync to mains) | 47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal |
| Crest Factor                     | up to 5 : 1  |
| Waveform Type                    | Stepped approximation to a sinewave                        |
| Output Connections               | (6) NEMA 5-15R   |



# Input

|  |             |
|--|-------------|
| Nominal Input Voltage                              | 120V        |
| Input Frequency                                    | 47 - 63 Hz  |
| Input Connections                                  | NEMA 5-15P  |
| Cord Length  | 1.83 meters |
| Input voltage range for main operations            | 95 - 142V   |
| Input voltage adjustable range for mains operation | 87 - 152V   |



# Batteries & Runtime

|                                  |  |
|----------------------------------|--|
| Battery Type                     | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Typical recharge time            | 8 hour(s)  |
| Replacement Battery              | <a href="#">RBC59</a>  |
| RBC™ Quantity                    | 1  |
| Typical Backup Time at Half Load | 20.9 minutes (432.5 Watts)   |
| Typical Backup Time at Full Load | 7.6 minutes (865 Watts)  |
| Runtime Chart                    | <a href="#">Smart-UPS SC</a>   |

# Communications & Management

|               |   |
|---------------|---|
| Control panel | LED status display with On Line : On Battery : Replace Battery and Overload |
|---------------|---|

|               |  |
|---------------|--|
|               | indicators   |
| Audible Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |

## Surge Protection and Filtering

|                      |  |
|----------------------|--|
| Surge energy rating  | 445 Joules   |
| Filtering            | Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449 |
| Data Line Protection | RJ-45 Modem/Fax/DSL/10-100 Base-T protection   |

## Physical

|                     |           |
|---------------------|-----------|
| Maximum Height      | 89.00 mm  |
| Maximum Width       | 432.00 mm |
| Maximum Depth       | 463.00 mm |
| Rack Height         | 2U        |
| Net Weight          | 21.36 KG  |
| Shipping Weight     | 24.56 KG  |
| Shipping Height     | 254.00 mm |
| Shipping Width      | 610.00 mm |
| Shipping Depth      | 610.00 mm |
| Master Carton Units | 1.00      |
| Color               | Grey      |
| Units per Pallet    | 10.00     |

## Environmental

|   |                |
|---|----------------|
| Operating Environment                         | 0 - 40 °C      |
| Operating Relative Humidity                   | 0%             |
| Operating Elevation                           | 0-3000 meters  |
| Storage Temperature                           | -5 - 45 °C     |
| Storage Relative Humidity                     | 0%             |
| Storage Elevation                             | 0-15000 meters |
| Audible noise at 1 meter from surface of unit | 45.00 dBA      |
| Online Thermal Dissipation                    | 180.00 BTU/hr  |

# Conformance

|                      |                                   |
|----------------------|-----------------------------------|
| Regulatory Approvals | CSA,FCC Part 15 Class A,UL Listed |
| Standard Warranty    | 2 years repair or replace         |

\*\*The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.