

## SC450RMI1U

APC Smart-UPS SC is ideal for small and medium businesses looking to protect networking equipment and point-of-sale (POS) devices from power disturbances and outages. The Smart-UPS SC features network grade protection, hot swap batteries, and built-in data line protection for worry free uninterruptible power protection for increased availability. Built on the same standards as the award-winning Smart-UPS, Smart-UPS SC provides the basic features and manageability needed to protect entry-level applications



### Overview

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Description          | APC Smart-UPS SC is ideal for small and medium businesses looking to protect networking equipment and point-of-sale (POS) devices from power disturbances and outages. The Smart-UPS SC features network grade protection, hot swap batteries, and built-in data line protection for worry free uninterruptible power protection for increased availability. Built on the same standards as the award-winning Smart-UPS, Smart-UPS SC provides the basic features and manageability needed to protect entry-level applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Model Name           | APC Smart-UPS SC 450VA 230V - 1U Rackmount/Tower                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Includes             | CD with software , Rack Mounting brackets , Smart UPS signalling RS-232 cable , User Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Standard Lead Time   | Usually in Stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product Distribution | Afghanistan , Albania , Algeria , Andorra , Angola , Antigua And Barbuda , Argentina , Armenia , Australia , Austria , Azerbaijan , Bahrain , Bangladesh , Belarus , Belgium , Benin , Bhutan , Bolivia , Bosnia And Herzegovina , Botswana , Brunei Darussalam , Bulgaria , Burkina Faso , Burundi , Cambodia , Cameroon , Central African Republic , Chad , Chile , Congo , CONGO , THE DEMOCRATIC REPUBLIC OF THE , Cook Islands , <![CDATA[Cote D'Ivoire]]> , Croatia , Cyprus , Czech Republic , Denmark , Djibouti , Dominica , East Timor , Egypt , Equatorial Guinea , Eritrea , Estonia , Ethiopia , Falkland Islands (Malvinas) , Fiji , Finland , France , Gabon , Gambia , Georgia , Germany , Ghana , Gibraltar , Greece , Grenada , Guadeloupe , Guinea , Hong Kong , Hungary , Iceland , Indonesia , Iran (Islamic Republic Of) , Iraq , Ireland , Israel , Italy , Jordan , Kazakhstan , Kenya , KOREA, REPUBLIC OF , Kuwait , Latvia , Lebanon , Lesotho , Liberia , Liechtenstein , Lithuania , Luxembourg , Macedonia , Malawi , Malaysia , Mali , Malta , Martinique , Mauritania , Moldova, Republic Of , Mongolia , Morocco , Mozambique , Myanmar , Namibia , Nepal , Netherlands , Netherlands Antilles , New Zealand , Niger , Nigeria , Norway , Oman , Pakistan , Papua New Guinea , Philippines , Poland , Portugal , Puerto Rico , Romania , Russian Federation , Rwanda , SAINT KITTS AND NEVIS , SAINT LUCIA , SAINT VINCENT AND THE GRENADINES , Saudi Arabia , Senegal , Sierra Leone , Singapore , Slovakia (Slovak Republic) , Slovenia , Somalia , South Africa , Spain , Sri Lanka , Sudan , Suriname , Sweden , Switzerland , Tajikistan , TANZANIA , UNITED REPUBLIC OF , Thailand , Togo , Tunisia , Turkmenistan , Uganda , Ukraine , United |

## Output

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| Output Power Capacity            | 280 Watts / 450 VA                                                  |
| Max Configurable Power (Watts)   | 280 Watts / 450 VA                                                  |
| Nominal Output Voltage           | 230V                                                                |
| 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         |
| Output Frequency (sync to mains) | Line Interactive                                                    |
| Waveform Type                    | Stepped approximation to a sinewave                                 |
| Output Connections               | (2) IEC Jumpers (Battery Backup) , (4) IEC 320 C13 (Battery Backup) |

## Input

|                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| Nominal Input Voltage                              | 230V                             |
| Input Frequency                                    | 50/60 Hz +/- 3 Hz (auto sensing) |
| Input Connections                                  | IEC-320 C14                      |
| Input voltage range for main operations            | 195 - 265 V                      |
| Input voltage adjustable range for mains operation | 151 - 302V                       |
| Maximum Input Current                              | 0 A                              |
| Input Breaker Capacity                             | 0 A                              |

## Batteries & Runtime

|                          |                                                                                  |
|--------------------------|----------------------------------------------------------------------------------|
| Battery Type             | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Included Battery Modules | 0                                                                                |
| Battery Slots Empty      | 0                                                                                |
| Typical recharge time    | 5 hour(s)                                                                        |
| Replacement Battery      | RBC18                                                                            |
| RBC Quantity             | 1                                                                                |

## Communications & Management

|                                          |                                                                                        |
|------------------------------------------|----------------------------------------------------------------------------------------|
| Interface Port(s)                        | DB-9 RS-232                                                                            |
| Available SmartSlot®; Interface Quantity | 0                                                                                      |
| 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 |
| Emergency Power Off (EPO)                | Optional                                                                               |

## Surge Protection and Filtering

|                      |                                                                                                                    |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Surge energy rating  | 320 joules                                                                                                         |
| Filtering            | Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449   |
| Data Line Protection | RJ-11 2-Way Modem/Fax/DSL splitter with protection (four wire dual lines) , RJ45 10/100 Base-T Ethernet protection |

## Physical

|                |          |
|----------------|----------|
| Maximum Height | 44.0 mm  |
| Maximum Width  | 432.0 mm |
| Maximum Depth  | 383.0 mm |
| Rack Height    | 1 U      |
| Net Weight     | 10.18 kg |

|                      |          |
|----------------------|----------|
| Shipping Weight      | 11.73 kg |
| Shipping Height      | 164.0 mm |
| Shipping Width       | 476.0 mm |
| Shipping Depth       | 589.0 mm |
| Master Carton Units  | 0.0      |
| Master Carton Weight | 0.0 lbs  |
| Color                | Grey     |
| Units per Pallet     | 24.0     |

### Environmental

|                                               |                |
|-----------------------------------------------|----------------|
| Operating Environment                         | 0 - 40 °C      |
| Operating Relative Humidity                   | 0 - 95 %       |
| Operating Elevation                           | 0-3000 meters  |
| Storage Temperature                           | -15 - 45 °C    |
| Storage Relative Humidity                     | 0 - 95 %       |
| Storage Elevation                             | 0-15000 meters |
| Audible noise at 1 meter from surface of unit | 38.000 dB      |
| Online Thermal Dissipation                    | 38.000 BTU/hr  |

### Conformance

|                   |                           |
|-------------------|---------------------------|
| Approvals         | C-tick , CE , GOST , VDE  |
| Standard warranty | 2 years repair or replace |

### Sustainable Offer Status

|                                |            |
|--------------------------------|------------|
| RoHS                           | Compliant  |
| Other Environmental Compliance | China RoHS |