



ENERGY STAR CERTIFIED

# Uninterruptible Power Supplies

## APC by Schneider Electric - APC Smart-UPS SC 500VA 120V -1U Rackmount : SC500RM1U

### Specifications

|  |   |
|--|---|
| ENERGY STAR Unique ID:                                   | 2453266                                   |
| Brand Name:  | APC by Schneider Electric                 |
| Model Name:  | APC Smart-UPS SC 500VA 120V -1U Rackmount |
| Model Number:  | SC500RM1U                                 |
| Power Conversion Mechanism:                              | Static                                    |
| Minimum Configuration Tested Model Number:               | SC500RM1U                                 |
| Active Output Power Rating Minimum Configuration (W):    | 300                                       |
| Apparent Output Power Rating Minimum Configuration (VA): | 500                                       |
| Topology (ac):   | Line Interactive                          |
| Topology and Product Type Combined:                      | ac Line Interactive (VI)                  |
| Application:   | Commercial                                |
| Rated Input Voltage (V rms):                             | 120-120                                   |
| Rated Input Frequency (Hz):                              | 50-60                                     |
| Rated Output Voltage (V):                                | 120-120                                   |
| Rated Output Frequency (Hz):                             | 50-60                                     |
| Rack Mountable:  | Yes                                       |
| Rack Mount Height (U):                                   | 1   |
| Height (mm):   | 44  |
| Width (mm):  | 440                                       |
| Depth (mm):  | 268                                       |
| Total Number of Outlets:                                 | 4   |
| Number of Battery Backup and Surge Protected Outlets:    | 4   |
| Normal Mode(s) Input Dependency Characteristic (ac):     | Voltage Independent                       |
| Modular UPS:   | No  |
| Number of Normal Modes:                                  | Single-normal-mode                        |
| Default Normal Mode (ac):                                | Voltage Independent                       |
| Test Input Voltage (V rms):                              | 120                                       |
| Test Input Frequency (Hz):                               | 60  |
| Test Output Voltage (V):                                 | 120                                       |

|   |   |
|---|---|
| <b>Test Output Frequency (Hz):</b>  | 60  |
| <b>Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):</b> | 2.17  |
| <b>Efficiency at 25% Load Min Config Lowest Dependency (ac):</b>            | 97.1  |
| <b>Efficiency at 50% Load Min Config Lowest Dependency (ac):</b>            | 98.3  |
| <b>Efficiency at 75% Load Min Config Lowest Dependency (ac):</b>            | 98.7  |
| <b>Efficiency at 100% Load Min Config Lowest Dependency (ac):</b>           | 98.8  |
| <b>Weighted Efficiency Calc Min Config Lowest Dependency:</b>               | 98.6  |
| <b>Efficiency (%):</b>  | 98.6  |
| <b>Modular UPS Module Tested Model Number:</b>                              | N/A   |
| <b>Energy Storage Mechanism:</b>  | Battery   |
| <b>Energy Storage System Technology:</b>                                    | Valve Regulated Lead-acid Battery   |
| <b>Energy Storage System Configuration:</b>                                 | Integral  |
| <b>Energy Storage System Removable to Another Room:</b>                     | No  |
| <b>Energy Storage System Runtime at 100% Load (min.):</b>                   | 6   |
| <b>Energy Storage System Runtime at 50% Load (min.):</b>                    | 20  |
| <b>Energy Storage System Warranty (yrs):</b>                                | 2   |
| <b>Energy Storage System Information URL:</b>                               | <a href="https://www.apc.com/us/en/product/APCRBC189/">https://www.apc.com/us/en/product/APCRBC189/</a>   |
| <b>Battery Recycling URL:</b>   | <a href="https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp">https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp</a> |
| <b>Network Connections Available:</b>                                       | Serial Port,USB Port  |
| <b>Communication Protocols:</b>   | Other   |
| <b>Communication Protocol Other:</b>  | UPS-Link  |
| <b>Manufacturer Take Back Program:</b>                                      | Yes   |
| <b>Manufacturer Take Back Program URL:</b>                                  | <a href="https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp">https://www.apc.com/us/en/who-we-are/sustainability/recycling-options.jsp</a> |
| <b>Model Web Page URL:</b>  | <a href="https://www.apc.com/us/en/product/SC500RM1U/">https://www.apc.com/us/en/product/SC500RM1U/</a>   |
| <b>Test Method Guidelines:</b>  | <a href="https://www.apc.com/us/en/who-we-are/sustainability/">https://www.apc.com/us/en/who-we-are/sustainability/</a>   |
| <b>Date Available on Market:</b>  | 2023-01-24  |
| <b>Date Certified:</b>  | 2023-04-06  |
| <b>Markets:</b>   | United States, Canada   |
| <b>ENERGY STAR Certified:</b>   | Yes   |

**Captured On:**  
04/28/2025