

## APC by Schneider Electric - Std Exch APC Smart-UPS SC 500VA 120V-1U Rackmount : SC500RM1UQ

Specifications	
ENERGY STAR Unique ID:	2492059
Brand Name:	APC by Schneider Electric
Model Name:	Std Exch APC Smart-UPS SC 500VA 120V-1U Rackmount
Model Number:	SC500RM1UQ
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

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

**Captured On:** 06/17/2025