



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

Test Output Frequency (Hz):	60
Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):	2.17
Efficiency at 25% Load Min Config Lowest Dependency (ac):	97.1
Efficiency at 50% Load Min Config Lowest Dependency (ac):	98.3
Efficiency at 75% Load Min Config Lowest Dependency (ac):	98.7
Efficiency at 100% Load Min Config Lowest Dependency (ac):	98.8
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 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 STAR Certified:	Yes

Captured On:
04/28/2025