Technical Specifications

APC Smart-UPS SC 450VA, 120V, rackmount, 1U, 4x NEMA 5-15R outlets (Not for sale in CO, VT or WA) | SC450RM1U | Downloaded on 12/16/2021 (EST)

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SC450RM1U

Call for More Information 800-800-4272

- 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

- Includes: CD with software, Rack mounting brackets, Smart UPS signalling RS-232 cable, User manual

Output

Output power capacity	280 Watts / 450VA
Max Configurable Power (Watts)	280 Watts / 450VA
Nominal Output Voltage	120V
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz Sync to mains
Topology	Line interactive
Waveform type	Stepped approximation to a sinewave
Output Connections	(4) NEMA 5-15R
Transfer Time	4 ms typical : 8 ms maximum

Input

Nominal Input Voltage	120V
Input frequency	50/60 Hz +/- 3 Hz Auto-sensing
Input Connections	NEMA 5-15P
Cord Length	1.8meters
Input voltage range for main operations	75 - 154 Adjustable, 82 - 144V
Number of Power Cords	1

Batteries & Runtime

Battery type	Lead-acid battery
Typical recharge time	5hour(s)

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

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Batteries & Runtime

Nominal Battery Voltage	12 V
Replacement Battery	RBC18 ↗
Expected Battery Life (years)	3 - 5
RBC Quantity	1
Battery Charge Power (Watts)	22 Watts
Runtime	View Runtime Graph (Available in Technical Tab on site)
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management

Interface Port(s)	DB-9 RS-232
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	400Joules
Data Line Protection	RJ11 modem/fax protection (four wire dual line), RJ45 10/100 Base-T Ethernet protection
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	44MM, 4.4CM
Maximum Width	432MM, 43.2CM
Maximum Depth	385MM, 38.5CM
Rack Height	1U
Net Weight	10.77KG
Shipping weight	12.32KG
Shipping Height	164MM, 16.4CM
Shipping Width	476MM, 47.6CM
Shipping Depth	589MM, 58.9CM

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Physical

Color	Grey
Units per Pallet	24.0

Environmental

Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0 - 3048meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0 - 15240meters
Audible noise at 1 meter from surface of unit	38.0dBA
Online thermal dissipation	38.0BTU/hr

Conformance

Approvals	CSA, EAC, FCC part 15 class A, UL 1778
Equipment protection policy	Lifetime : $150000
Standard warranty	2 years repair or replace

Sustainable Offer Status

RoHS	Compliant
Proposition 65 Warning	Available in Documentation tab