APC

SmartUPS SC 450 w/Network Management Card

SC450R1X542

⚠ Discontinued on: Oct 16, 2020

⚠ End-of-service on: Oct 19, 2020

⚠ Discontinued - Service only

Overview

Presentation	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
Lead Time	Usually Ships within 6 Weeks

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated Power In W	280 W
Rated Power In Va	450 VA
Input Connection Type	NEMA 5-15P
Nb Of Power Socket Outlets	4 NEMA 5-15R
Number Of Rack Unit	1U
Cable Length	1.83 m
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	Battery modules ship installed CD with software Rack mounting brackets Smart UPS signalling RS-232 cable User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph ↗
Efficiency	View Efficiency Graph ↗
Extended Runtime	0
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	5 h
Number Of Battery Replacement Quantity	1

Battery Life	3…5 year(s)
Replacement Battery	RBC18 ↗
Battery Power In Vah	108 VAh runtime
Battery Charger Power	22 W rated

General

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0
Product Web Sub-Family	Network card pre-installed
Redundant	No
Variant Option	Installed accessory

Physical

Colour	Grey
Height	4.4 cm
Width	43.2 cm
Depth	38.5 cm
Net Weight	11.36 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Rack-mounted
Two Post Mountable	0
Usb Compatible	No

Input

Input Voltage Limits	75...154 V adjustable 82...144 V
Network Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Maximum Configurable Power In Va	450 VA
Maximum Configurable Power In W	280 W
Transfer Time	4 ms typical : 8 ms maximum
Ups Type	Line interactive
Wave Type	Stepped approximation to a sinewave
Output Frequency	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product Certifications	CSA
Standards	FCC part 15 class A UL 1778

Environmental

Acoustic Level	38 dBA
Heat Dissipation	38 Btu/h
Operating Altitude	0...10000 ft
Ambient Air Temperature For Operation	0…40 °C
Ambient Air Temperature For Storage	-15…45 °C
Storage Altitude	0.00…15240.00 m
Relative Humidity	0…95 %
Storage Relative Humidity	0…95 %

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Control Panel	LED status display with on line : on battery : replace battery and overload indicators

Surge Protection and Filtering

Surge Energy Rate	412 J
Noise Suppression	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Package 1 Weight	12.95 kg
Package 1 Height	16.4 cm
Package 1 Width	47.6 cm
Package 1 Length	58.9 cm
Number Of Units In Package 3	32

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium™ label label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. **Green Premium** promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low- products.
Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Energy Efficient   Take-back   Transparency   RoHS/REACh

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant

                                  EU RoHS Declaration

Environmental Disclosure   Product Environmental Profile

California Proposition 65   WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Circularity Profile   End of Life Information