Product data sheet

Specifications

Schneider Electric SC420I

Image

⚠ To be discontinued

APC Smart-UPS SC 420VA 230V

SC420I

⚠ To be discontinued on: Jun 30, 2024

⚠ To be end-of-service on: Jun 30, 2028

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 in Stock

Main

Main Input Voltage	230 V
Main Output Voltage	230 V
Rated Power In W	260 W
Rated Power In Va	420 VA
Input Connection Type	IEC 320 C14
Output Connection Type	3 IEC 320 C13 1 IEC 320 C13 surge 2 IEC Jumpers
Number Of Rack Unit	0U
Battery Type	Lead-acid battery
Provided Equipment	User manual Smart UPS signalling RS-232 cable CD with software

Batteries & Runtime

Run Time	View Runtime Graph ⬈
Battery Voltage	12 V
Extended Runtime	0
Battery Capacity	7.0 Ah
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	3 h
Number Of Battery Replacement Quantity	1
Battery Life	3…5 year(s)
Replacement Battery	RBC2 ⬈

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Battery Charger Power	28 W rated

General

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0
Product Web Sub-Family	Entry level
Redundant	No

Physical

Colour	Grey
Height	16.8 cm
Width	11.9 cm
Depth	36.8 cm
Net Weight	9.09 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Input Voltage Limits	195...265 V
Network Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic Distortion	Less than 5 % at full load
Maximum Configurable Power In Va	420 VA
Maximum Configurable Power In W	260 W
Transfer Time	6 ms typical : 10 ms maximum
Ups Type	Line interactive
Wave Type	Stepped approximation to a sinewave
Output Frequency	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains

Conformance

Product Certifications	CE EAC GOST NOM VDE VCCI
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

Environmental

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Acoustic Level	45 dBA
Heat Dissipation	50 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

Free Slots	0
Control Panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Data Line Protection	RJ45 modem/fax/DSL/10-100 base-T protection
Surge Energy Rate	320 J
Noise Suppression	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	31.8 cm
Package 1 Width	26.2 cm
Package 1 Length	50.8 cm
Package 1 Weight	10.23 kg
Unit Type Of Package 2	PAL
Number Of Units In Package 2	32
Package 2 Height	141 cm
Package 2 Width	100 cm
Package 2 Length	120 cm
Package 2 Weight	339.3 kg

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium^{TM} 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-CO_2 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 ⟩

Guide to assess a product's sustainability ⟩

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 with Exemptions
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

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