SC450RM1U
APC Smart-UPS SC 450VA 120V - 1U Rackmount/Tower (Not for sale in CO, VT or WA)

Green Premium™

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

General

Provided equipment	User manual Rack mounting brackets Smart UPS signalling RS-232 cable CD with software
Product web sub-family	Entry level
Performance multiplier	1
Number of tare power	14 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	S
Value multiplier	1

Physical

Cable length	1.83 m
Number of rack unit	1U
Colour	Grey

Depth	38.5 cm
Height	4.4 cm
Mounting location	Front
Mounting preference	Lower
Net weight	10.77 kg
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Width	43.2 cm

Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	NEMA 5-15P
Input voltage limits	75...154 V adjustable 82...144 V
Number of cables	1
Input voltage	120 V

Output

Rated power in W	280 W
Maximum configurable power in W	280 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Nb of power socket outlets	4 NEMA 5-15R
Curve equation	Efficiency
Curve fixed loss	0.0262
Curve load maximum	100 %
Curve load minimum	3 %
Curve proportional loss	0
Curve square loss	0.0044
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	120 V
Maximum configurable power in VA	450 VA
Rated power in VA	450 VA
Transfer time	4 ms typical : 8 ms maximum

Conformance

Product certifications	CSA EAC
Standards	FCC part 15 class A UL 1778

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Equipment protection policy	Lifetime : $150000

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15…45 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.00…15240.00 m
Acoustic level	38 dBA
Heat dissipation	38 Btu/h
Show note OP temperature	No

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	1
Liquid value	0
Battery curve	Z
Battery charger power	22 W rated
Battery power in VAH	108 VAh runtime
Battery life	3…5 year(s)
Extended runtime	0

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
Emergency power off	Optional

Surge Protection and Filtering

Surge energy rate	400 J
Noise suppression	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449
Data line protection	RJ11 modem/fax protection (four wire dual line) RJ45 10/100 Base-T Ethernet protection

Packing Units

Package 1 Weight	12.32 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	24

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration

Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

Warranty	2 years repair or replace

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