

Product data sheet

Specifications



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

SC450RM1U

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 120 V

Main Output Voltage 120 V

Rated power in W 280 W

Rated power in VA 450 VA

Plug standard 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 User manual
Rack mounting brackets
Smart UPS signalling RS-232 cable
CD with software

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 4.4 cm

Width	43.2 cm
Depth	38.5 cm
Net weight	10.77 kg
Mounting location	Front
Mounting preference	Lower
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 EAC
Equipment protection policy	Lifetime : \$150000
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 %

Batteries & Runtime

Battery voltage	12 V
Extended runtime	0
Battery capacity	9.0 Ah
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)
Battery power in VAH	108 VAh runtime
Battery charger power	22 W rated

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
Emergency power off	Optional
Free slots	0

Surge Protection and Filtering

Data line protection	RJ11 modem/fax protection (four wire dual line) RJ45 10/100 Base-T Ethernet protection
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

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
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
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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