Product data sheet

Specifications

Green Premium™

APC Smart-UPS SC 450VA 230V - 1U Rackmount/Tower

SC450RMI1U

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	280 W
Rated power in VA	450 VA
Plug standard	IEC 320 C14
Nb of power socket outlets	4 IEC 320 C13 2 IEC Jumpers
Number of rack unit	1U
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	38.3 cm

Net weight	10.18 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

Input

Input voltage limits	151...302 V adjustable 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	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	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains

Conformance

Product certifications	C-Tick CE EAC GOST TISI VDE

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 2-Way Modem/Fax/DSL splitter with protection (four wire dual lines) RJ45 10/100 Base-T Ethernet 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

Package 1 Weight	11.73 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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace