Product data sheet
Characteristics

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

APC by Schneider Electric

Green Premium Product

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

Kw Rating	280 W
Rated power in VA	450 VA
Nb of power socket outlets	4 NEMA 5-15R
Main Output Voltage	120 V
Main Input Voltage	120 V
Plug standard	NEMA 5-15P
Number of rack unit	1U
Cable length	6 ft (1.83 m)
Number of cables	1

General

Number of power module filled slots	0
Number of power module free slots	0
Product web sub-family	Entry level
Redundant	No
Provided equipment	User Manual Rack Mounting brackets Smart UPS signalling RS-232 cable CD with software

Physical

Mounting Location	Front
Mounting Mode	Rack-mounted
Mounting preference	Lower
Depth	15.16 in (38.5 cm)
Height	1.73 in (4.4 cm)
Net Weight	23.74 lb(US) (10.77 kg)
Width	17.01 in (43.2 cm)
Two post mountable	0
USB compatible	No
Color	Gray

Input

Efficiency at full load	75...154 V adjustable 82...144 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Maximum configurable power in VA	450 VA
Max Configurable Power (Watts)	280 W
Transfer Time	4ms typical : 8ms maximum
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Output Frequency (sync to mains)	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	32…104 °F (0…40 °C)
Ambient Air Temperature for Storage	5…113 °F (-15…45 °C)
Storage altitude	0…50000 ft (0.00…15240.00 m)
Relative Humidity	0…95 %
Storage Relative Humidity	0…95 %

Batteries & Runtime

Battery Type	Lead-Acid battery
Battery Voltage	12 V
Extendable Run Time	0
Battery Capacity	9.0 Ah
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	5 h
RBC Quantity	1
Battery life	3…5 year(s)
Battery power in VAH	108 VAh runtime
Battery Charge Power (Watts)	22 W rated

Communications & Management

Audible 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 (EPO)	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 rating	400 J
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
GTIN	00731304222705
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	PH

Packing Units

Package 1 Height	6.46 in (16.4 cm)
Package 1 width	18.74 in (47.6 cm)
Package 1 Length	23.19 in (58.9 cm)
Number of Units in Package 3	24

Offer Sustainability

Sustainable offer status	Green Premium product
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
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
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace

Mouser Electronics

Authorized Distributor

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