Product data sheet

SC420

APC Smart-UPS SC 420VA 120V (Not for sale in CO, VT or WA)





Mounting location	Front
Mounting preference	No preference
Net weight	10 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	11.9 cm

Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	NEMA 5-15P
Input voltage limits	75154 V adjustable 82144 V
Number of cables	1
Input voltage	120 V

Output

Output	
Rated power in W	260 W
Maximum configurable power in W	260 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	0.0335
Curve load maximum	100 %
Curve load minimum	4 %
Curve proportional loss	0
Curve square loss	0.0048
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	420 VA
Rated power in VA	420 VA
Transfer time	4 ms typical : 8 ms maximum

Conformance

	004	
Product certifications	CSA	
Standards	FCC part 15 class A UL 1778	
Equipment protection policy	Lifetime : \$150000	

Environmental

Ambient air temperature for operation	040 °C
Relative humidity	095 %
Operating altitude	010000 ft
Ambient air temperature for storage	-1545 °C
Storage Relative Humidity	095 %
Storage altitude	0.0015240.00 m
Acoustic level	45 dBA
Heat dissipation	50 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	17 W rated
Battery power in VAH	84 VAh runtime
Battery life	35 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	412 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	RJ45 modem/fax/DSL/10-100 base-T protection

Packing Units

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Package 1 Weight	10.91 kg	
Package 1 Height	31.8 cm	
Package 1 width	26.2 cm	
Package 1 Length	50.8 cm	
Number of Units in Package 3	12	

Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	REACh Declaration	
EU RoHS Directive	Compliant EU RoHS Declaration	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End of Life Information	

Contractual warranty

Warranty

2 years repair or replace