

Product data sheet

Specifications



APC Back-UPS CS 500VA, 120V, beige, 6 NEMA outlets (3 surge)

BK500

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated Power In W	300 W
Rated Power In Va	500 VA
Product Or Component Type	Uninterruptible power supply (UPS)
Input Connection Type	NEMA 5-15P
Output Connection Type	3 NEMA 5-15R 3 NEMA 5-15R surge
Cable Length	1.83 m
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	CD with software Cord management straps User manual USB cable

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	8 h
Number Of Battery Replacement Quantity	1
Battery Voltage	12 V
Battery Capacity	7.0 Ah
Battery Charger Power	10 W rated
Battery Power In Vah	106 VAh capacity 78 VAh runtime
Battery Life	4...6 year(s)
Replacement Battery	RBC2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Battery Graph Comments	This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several v
Extended Runtime	0

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Beige
Height	16.5 cm
Width	9.1 cm
Depth	28.4 cm
Net Weight	6.27 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	Yes

Input

Network Frequency	50/60 Hz +/- 3 Hz auto-sensing
Input Voltage Limits	98...140 V

Output

Maximum Configurable Power In W	300 W
Output Frequency	50/60 Hz +/- 3 Hz sync to mains
Ups Type	Standby
Wave Type	Stepped approximation to a sinewave
Maximum Output Current	10 A
Maximum Configurable Power In Va	500 VA
Transfer Time	8 ms typical : 12 ms maximum

Conformance

Product Certifications	cUL listed California Energy Commission (CEC) ENERGY STAR V2.0 (USA) Industry Canada
Equipment Protection Policy	Lifetime : \$100000

Environmental

Ambient Air Temperature For Operation	0...40 °C
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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	45 dBA
Heat Dissipation	24 Btu/h

Communications & Management

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

Surge Protection and Filtering

Surge Energy Rate	480 J
Noise Suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Let Through Voltage Rating	300 V

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	26.3 cm
Package 1 Width	35.7 cm
Package 1 Length	17.5 cm
Package 1 Weight	6.95 kg
Scc14	10731304016301

Contractual warranty

Warranty	3 years repair or replace
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Environmental Certifications

✓ Energy Star® ENERGY STAR UPS V2.0 (USA)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
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