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



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

BK500

Overview

Lead time	Usually in Stock
Main	
Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	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	6 ft (1.8 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Cord management straps User Manual USB cable
Range of Product	Back-UPS

Batteries & Runtime

Run Time	View Runtime Graph ☐
Efficiency	View Efficiency Graph ☐
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	8 h
RBC Quantity	1
Battery Voltage	12 V
Battery Capacity	7.0 Ah
Battery Charge Power (Watts)	10 W rated
Battery power in VAH	106 VAh capacity 78 VAh runtime
Battery life	46 year(s)
Replacement battery	RBC2 ☐

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 variables including battery age, battery charge level, environmental conditions and characteristics of the connected load.
Extendable Run Time	0

General

Number of power module free	0
slots	·
Number of power module filled slots	0
Redundant	No

Physical

_	
color	Beige
Height	6.50 in (16.5 cm)
Width	3.58 in (9.1 cm)
Depth	11.18 in (28.4 cm)
Net Weight	13.82 lb(US) (6.27 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes

Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Efficiency at full load	98140 V

Output

Max Configurable Power (Watts)	300 W
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
Topology	Standby
Wave type	Stepped approximation to a sinewave
Maximum output current	10 A
Maximum configurable power in VA	500 VA
Transfer Time	8ms typical : 12ms maximum

Conformance

Product Certifications	cUL Listed
	California (CEC) Battery Charger
	ENERGY STAR V2.0 (USA)
	Industry Canada

Environmental

Ambient air temperature for	32104 °F (040 °C)	
operation		

Relative Humidity	095 %
Operating altitude	010000 ft
Ambient Air Temperature for Storage	5113 °F (-1545 °C)
Storage Relative Humidity	095 %
Storage altitude	050000 ft (0.000000000015240.0000000000 m)
Acoustic level	45 dBA
Online Thermal 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 rating	480 J
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
Let Through Voltage Rating	300 V

Ordering and shipping details

GTIN 731304016304

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	10.35 in (26.3 cm)	
Package 1 Width	14.06 in (35.7 cm)	
Package 1 Length	6.89 in (17.5 cm)	
Package 1 Weight	15.32 lb(US) (6.95 kg)	
SCC14	10731304016301	

Contractual warranty

Warranty 3 years repair or replace



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∇ Environmental footprint

Environmental Disclosure

Product Environmental Profile

Use Better

EU RoHS Directive	Compliant with Exemptions	
REACh Regulation	REACh Declaration	
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	
☼ Energy efficiency		
Optimized Energy Efficiency	Energy efficient product	
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)	

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes