

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 AC 1 phase
Input Connection Type	NEMA 5-15P
Efficiency at full load	98...140 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	120 V AC 1 phase
Rated power in W	300 W
rated power in VA	500 VA
output connection type	3 NEMA 5-15R 3 NEMA 5-15R surge
USB Charging Port	None
Maximum configurable power in VA	500 VA
Max Configurable Power (Watts)	300 W
Maximum output current	10 A
Transfer Time	8ms typical : 12ms maximum
Topology	Standby
Waveform Type	Stepped approximation to a sinewave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	RBC2

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery Capacity	7.0 Ah
Battery Size	Lead-acid internal included
Control panel	LED Status display with On Line : On Battery
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

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

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

UPS connectivity	USB port
Let Through Voltage Rating	300 V
Surge energy rating	480 J
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
Cable length	6 ft (1.8 m)
Number of cables	1
color	Beige
Height	6.5 in (165 mm)
Width	3.6 in (91 mm)
Depth	11.2 in (284 mm)
Product 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
Mounting mode	Tower
Provided equipment	CD with software Cord management straps User Manual USB cable
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of Product	Back-UPS
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	cUL Listed California (CEC) Battery Charger ENERGY STAR V2.0 (USA) Industry Canada
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...15240 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %
Acoustic level	45 dBA
Online Thermal Dissipation	24 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery Type	Lead-Acid battery
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Battery Voltage	12 V
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
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	8 h
RBC Quantity	1
Battery Life	4...6 year(s)
Battery Charge Power (Watts)	10 W rated

Ordering and shipping details

GTIN	731304016304
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	10.4 in (26.3 cm)
Package 1 Width	14.06 in (35.7 cm)
Package 1 Length	6.9 in (17.5 cm)
Package weight(Lbs)	15.32 lb(US) (6.95 kg)
SCC14	10731304016301

Contractual warranty

Warranty (in months)	12 Battery 36 UPS
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Environmental Data

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

Total lifecycle Carbon footprint	248 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	67 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	179 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.6 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	62
Circularity Profile	End of Life Information
Removable battery	User replaceable

Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Peace of mind at home or office with
PowerChute™ Serial Shutdown Software

UPS management, graceful shutdown, and
energy management software for:



Desktops



Servers



Workstations



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Why choose APC BK500?



**500VA / 300W
Power protection**

For continuous operation
of connected devices
during power outages



**LED status indicators
and audible alarms**

For easy monitoring of
power conditions



**Surge Protection and
voltage regulation**

Helps protect connected
equipment from surges,
spikes, and lightning

Offer Marketing Illustration

Product benefits / Features

Communication Ports and Outlets

Advanced monitoring and management capabilities with numerous outlets to power and protect all your sensitive devices.



Offer Marketing Illustration

Product benefits / Features

Runtime



Image of product / Alternate images

Alternative





