

# Product data sheet

Specifications



## 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 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.

<b>UPS connectivity</b>	USB port
<b>Let Through Voltage Rating</b>	300 V
<b>Surge energy rating</b>	480 J
<b>Filtering</b>	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
<b>Cable length</b>	6 ft (1.8 m)
<b>Number of cables</b>	1
<b>color</b>	Beige
<b>Height</b>	6.5 in (165 mm)
<b>Width</b>	3.6 in (91 mm)
<b>Depth</b>	11.2 in (284 mm)
<b>Product Weight</b>	13.82 lb(US) (6.27 kg)
<b>Mounting Location</b>	Front
<b>Mounting preference</b>	No preference
<b>Mounting Mode</b>	Not rack-mountable
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes
<b>Mounting mode</b>	Tower
<b>Provided equipment</b>	CD with software Cord management straps User Manual USB cable
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No
<b>Range of Product</b>	Back-UPS
<b>Product or Component Type</b>	Uninterruptible power supply (UPS)

## Environment

<b>Product Certifications</b>	cUL Listed California (CEC) Battery Charger ENERGY STAR V2.0 (USA) Industry Canada
<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage altitude</b>	0...50000 ft (0...15240 m)
<b>Relative Humidity</b>	0...95 %
<b>Storage Relative Humidity</b>	0...95 %
<b>Acoustic level</b>	45 dBA
<b>Online Thermal Dissipation</b>	24 Btu/h
<b>Operating altitude</b>	0...10000 ft

## Batteries & Runtime

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

## Ordering and shipping details

<b>GTIN</b>	731304016304
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## Packing Units

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

## Contractual warranty

<b>Warranty (in months)</b>	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	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>



### 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	<a href="#">End of Life Information</a>
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

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### 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

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Offer Marketing Illustration

Product benefits / Features

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**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

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Runtime



Offer Marketing Illustration

Product benefits / Features

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**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

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Image of product / Alternate images

Alternative

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