

Product data sheet

Specifications



APC Back-UPS, 500VA, Tower, 120V, 6 NEMA 5-15R Outlets , User Replaceable Battery

BK500BLK

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Main input voltage	120 V AC 1 phase
Input connection	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	3 NEMA 5-15R 3 NEMA 5-15R surge
Type of USB power supply	None
Maximum configurable power in VA	500 VA
Maximum configurable power in W	300 W
Transfer time	8ms typical : 12ms maximum
UPS 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 type	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
UPS connectivity	USB port
Surge energy rating	480 J
Noise filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
Cable length	6 ft (1.8 m)

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

Number of cables	1
Color	Black
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 certification	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
Heat dissipation	24 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-Acid battery
Battery graph comment	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 runtime	0
Included battery module	0

Empty battery slot	0
Typical recharge time	8 h
RBC quantity	1
Battery life	4...6 year(s)
Battery charging power	13 W rated

Ordering and shipping details

Category	11309-APC RESALE PRODUCTS
Discount Schedule	APC1
GTIN	731304021360
Returnability	No
Country of origin	IN

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	10731304021367

Contractual warranty

Warranty (in months)	36 UPS 12 Battery
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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	No
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

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Why choose APC BK500BLK?



**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

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

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



Desktops



Servers

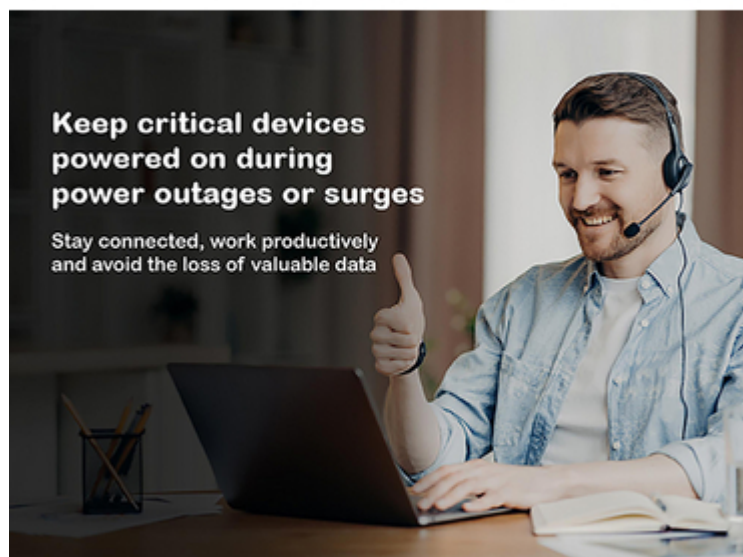


Workstations



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Runtime



Offer Marketing Illustration

Product benefits / Features

Peace of Mind

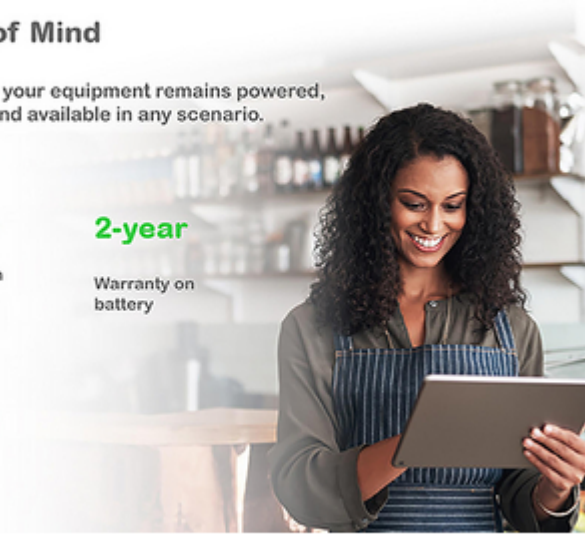
Ensure that your equipment remains powered, protected and available in any scenario.

2-year

Warranty on
UPS

2-year

Warranty on
battery



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative



