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

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
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 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
UPS connectivity	USB port
Surge energy rating	480 J

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

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	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 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
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)	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

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**

Use Again

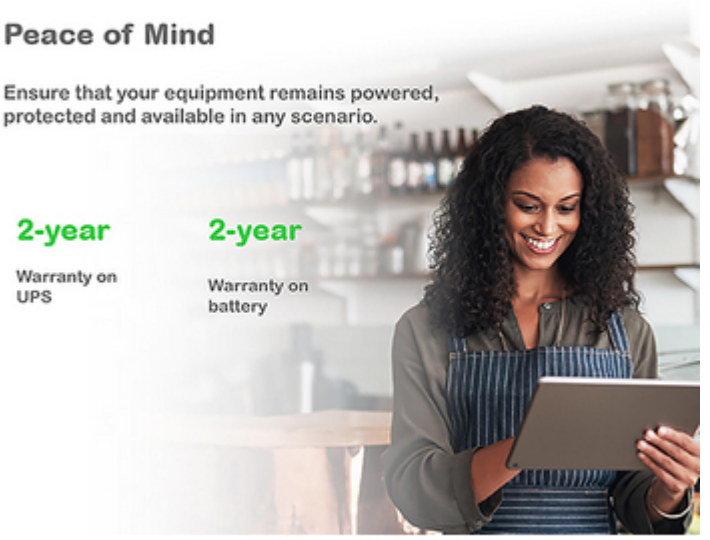
Repack and remanufacture

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

Take-back	**Yes**

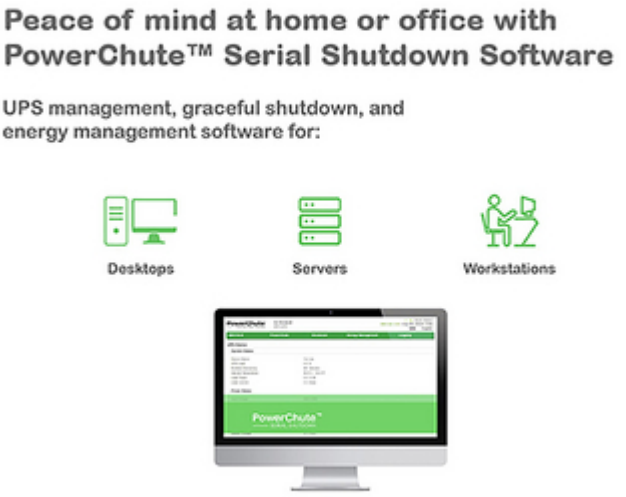
Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features



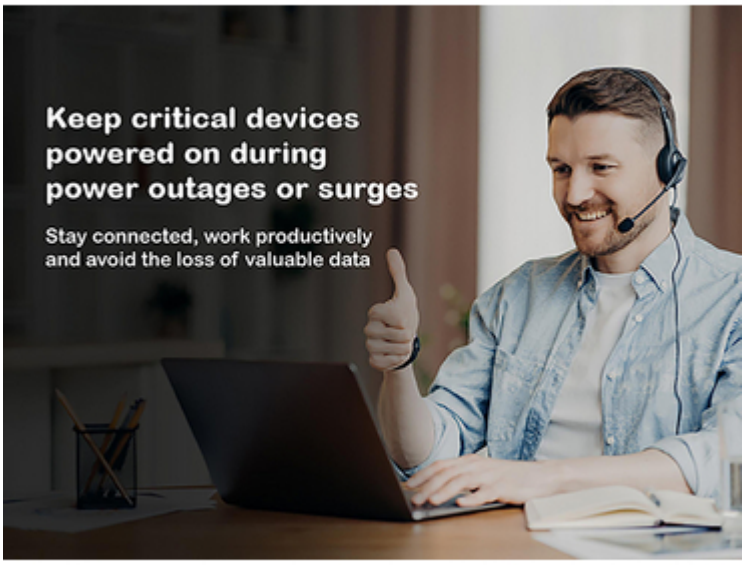
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Product benefits / Features



Image of product / Alternate images

Alternative




Wall Outlet
Modem/ Phone/Fax
Data Port
US LISTED
Building Wiring Fault
Circuit Breaker Push to Reset
BATTERY BACKUP
SURGE ONLY
Input: 120V~ 10A, 60Hz

Product data sheet BK500BLK

