

Product data sheet

Specifications



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

BK500BLK

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated power in W	300 W
Rated power in VA	500 VA
Plug standard	NEMA 5-15P
Output connection type	3 NEMA 5-15R 3 NEMA 5-15R surge
Cable length	6 ft (1.83 m)
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	CD with software Cord management straps User manual USB cable

General

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

Physical

Colour	Black
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

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Input voltage limits	98...140 V

Output

Maximum configurable power in W	300 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
UPS type	Standby
Wave type	Stepped approximation to a sinewave
Maximum configurable power in VA	500 VA
Transfer time	8 ms typical : 12 ms maximum


Conformance

Product certifications	cUL listed California Energy Commission (CEC) ENERGY STAR V2.0 (USA) Industry Canada
Equipment protection policy	Lifetime : \$25000

Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	45 dBA
Heat dissipation	24 Btu/h

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h
Number of battery replacement quantity	1
Battery charger power	13 W rated
Battery power in VAh	78 VAh runtime
Battery life	4...6 year(s)
Replacement battery	RBC2 

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 v
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Extended runtime	0
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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 rate	480 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Data line protection	RJ11 analog phone line for phone/fax/modem/DSL

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	10731304021367

Offer Sustainability

Sustainable offer status	Green Premium product
ENERGY STAR®	ENERGY STAR UPS V2.0 (USA) 
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	3 years repair or replace
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Recommended replacement(s)