

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
Main Output Voltage	120 V
Kw Rating	300 W
Rated power in VA	500 VA
Product or Component Type	Uninterruptible power supply (UPS)
Input Connection Type	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

Batteries & Runtime

Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	8 h
RBC Quantity	1
Battery voltage	12 V
Battery Capacity	7.0 Ah
Battery Charge Power (Watts)	10 W rated
Battery power in VAH	106 VAh capacity 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 variables including battery age, battery charge level, environmental conditions and characteristics of the connected load.

Extendable Run Time	0
----------------------------	---

General

Number of power module free slots	0
--	---

Number of power module filled slots	0
--	---

Redundant	No
------------------	----

Physical

Color	Beige
--------------	-------

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

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
------------------------	--------------------------------

Efficiency at full load	98...140 V
--------------------------------	------------

Output

Max Configurable Power (Watts)	300 W
---------------------------------------	-------

Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
---	---------------------------------

Topology	Standby
-----------------	---------

Waveform Type	Stepped approximation to a sinewave
----------------------	-------------------------------------

Maximum output current	10 A
-------------------------------	------

Maximum configurable power in VA	500 VA
---	--------

Transfer Time	8ms typical : 12ms maximum
----------------------	----------------------------

Conformance

Product Certifications	cUL Listed California (CEC) Battery Charger ENERGY STAR V2.0 (USA) Industry Canada
-------------------------------	---

Equipment protection policy	Lifetime : \$100000
------------------------------------	---------------------

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

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 rating	480 J
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
Let Through Voltage Rating	300 V


Ordering and shipping details

GTIN	731304016304
------	--------------

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	10731304016301

Offer Sustainability

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 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
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	3 years repair or replace
----------	---------------------------

Recommended replacement(s)