

Back-UPS CSBack-UPS CS 500 Black





APC Back-UPS CS, 300 Watts / 500 VA,Input 120V / Output 120V, Interface Port USB

Includes: CD with software, Cord management straps, USB cable, User Manual

Standard Lead Time: Usually in Stock

BK500BLK Features

Serial Connectivity	Use any Home Automation network to monitor and control the S20 through its RS-232 serial port. For information on how to communicate with the S20, see APC's Application Note #102. Crestron and AMX installers should visit their respective websites for information on how to integrate the S20 into those networks.
USB Connectivity	Provides management of the UPS via a USB port (not available on all models).
Serial Connectivity	Provides management of the UPS via a serial port.
Lifetime data recovery	Provides peace of mind by providing professional data recovery services in
warranty	the event data is lost due to the failure of the unit.

Back-UPS CS Features & Benefits

Protection	
Data line surge protection	Protects connected loads from surges, spikes, lightning, and other power disturbances.
Battery-protected and surge-only outlets	Reserves power capacity and run time for connected equipment that require battery back-up while providing surge only protection for less critical equipment
Convenience	
LED status indicators Audible Alarms Transformer-block spaced outlets Automatic self-test	Quickly understand unit and power status with visual indicators. Provides notification of changing utility power and UPS conditions. Protect equipment with input transformer blocks without blocking access to other receptacles. Periodic battery self-test ensures early detection of a battery that needs to be
Battery replacement without tools	replaced. Allows quick, easy battery replacement.
Availability	
Cold-start capable Hot-swappable batteries	Provides temporary battery power when the utility power is out. Ensures clean, uninterrupted power to protected equipment while batteries are being replaced
Automatic restart of loads after UPS shutdown	Automatically starts up the connected equipment upon the return of utility power.
Resettable circuit breakers	Enables a quick recovery from overload events.
Safety	
Safety-agency approved	Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. UL, FCC, CE, C-Tick approvals.

Output

Output Power Capacity 300 Watts / 500 VA Max Configurable Power 300 Watts / 500 VA

Nominal Output Voltage 120V

Output Connections (3) NEMA 5-15R (Battery Backup)

(3) NEMA 5-15R (Surge Protection)





Input

Nominal Input Voltage 120V

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

Input Connections NEMA 5-15P



Cord Length 1.83 meters Input voltage range for main

operations

98 - 140V

Batteries & Runtime

Battery Type Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leakproof

Typical recharge time 8 hour(s)

Replacement Battery RBC2, RBC2J

RBCTM Quantity

Typical Backup Time

at Half Load

15.4 minutes (150 Watts)

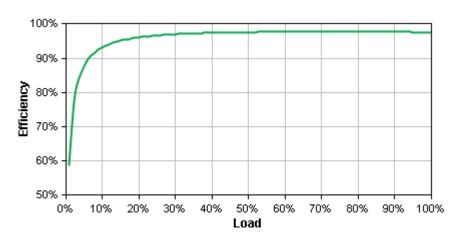
Typical Backup Time

at Full Load

3.4 minutes (300 Watts)

Runtime Chart Back-UPS CS

Energy Use/Efficiency



Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and resistive load output.

View Enlarged Chart

Communications & Management

Interface Port(s) USB

Control panel LED status display with On Line : On Battery : Replace Battery and Overload

indicators

Audible Alarm Alarm when on battery: distinctive low battery alarm: overload continuous tone

alarm

Surge Protection and Filtering

Surge energy rating 480 Joules

Filtering Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping

response time: meets UL 1449

Data Line Protection RJ-11 Modem/Fax/DSL protection (two wire single line)

Physical

Maximum Height	165.00 mm
Maximum Width	91.00 mm
Maximum Depth	284.00 mm
Net Weight	6.27 KG
Shipping Weight	6.95 KG
Shipping Height	263.00 mm
Shipping Width	175.00 mm
Shipping Depth	357.00 mm
Master Carton Units	2.00

Downloaded from Elcodis.com electronic components distributor

Master Carton Weight 31.50 lbs.

Color Black

SCC Codes 107 31304 02136 7

Units per Pallet 80.00

Environmental

Operating Environment 0 - 40 °C

Operating Relative Humidity 0%

Operating Elevation 0-3000 meters

Storage Temperature -15 - 45 °C

Storage Relative Humidity 0%

Storage Elevation 0-15000 meters

Audible noise at 1 meter from

surface of unit

45.00 dBA

Online Thermal Dissipation 24

24.00 BTU/hr

Conformance

	Regulatory Approvals	FCC Part 15 Class B, Industry Canada, UL 1778, cUL Listed
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Standard Warranty 3 years repair or replace

^{**}The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.