



 Select Your Country/Region 

[Search](#)

[Home](#)[Products](#)[Support](#)[Services](#)[Selectors](#)[How to Buy](#)

Back-UPS LS 500 Clear

APC Back-UPS LS, 500VA/315W, Input 120V/Output 120V, Interface Port USB

Includes: CD with software, Cord Management Straps, USB cable, User Manual

Part Number : **BP500CLR**

[Configure Now](#)

 [Compare Models](#)

 [Runtime Chart](#)

 [Email Technical Specifications](#)

 [Printer Friendly](#)

Additional Information

[Product Overview](#)

[User Manual & Installation Guides](#)

[Product Distribution](#)





[+] More Images


Technical Specifications

Output

Output Power Capacity	315 Watts / 500 VA
Max Configurable Power	315 Watts / 500 VA
Nominal Output Voltage	120V

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

Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	NEMA 5-15P 
Cord Length	6 feet (1.83 meters)
Input voltage range for main operations	93 -130V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	7 hour(s)

Options:

- [Interface Connections](#)
- [Replacement Battery Cartridges](#)
- [Services](#)
- [Software](#)

General Features:

- Audible alarms
- Automatic restart of loads after UPS shutdown
- Automatic self-test
- Battery replacement without tools
- Battery-protected and surge-only outlets
- Boost Automatic Voltage Regulation (AVR)
- Cold-start capable
- Dataline Surge Protection
- Hot-swappable batteries
- Intelligent battery management
- LED status indicators
- Lifetime data recovery warranty
- Power conditioning
- Resettable circuit breakers
- Safety-agency approved
- Transformer-block spaced outlets
- USB connectivity
- User-replaceable batteries

[more details...](#)

Replacement battery cartridge	CURK2 , RBC2 , RBC2I
RBC™ Quantity	1
Typical Backup Time at Half Load	14.1 minutes (157.5 Watts)
Typical Backup Time at Full Load	3.6 minutes (315 Watts)
Runtime Chart	Back-UPS LS

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	420 Joules
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-11 Modem/Fax/DSL protection (four wire dual line)

Physical

Maximum Height	9.40 inches (239 mm)
Maximum Width	5.00 inches (127 mm)
Maximum depth	7.90 inches (201 mm)
Net Weight	15.80 lbs. (7.18 kg)
Shipping Weight	18.30 lbs. (8.32 kg)
Shipping Height	11.40 inches (290 mm)
Shipping Width	8.40 inches (213 mm)
Shipping Depth	12.90 inches (328 mm)
Color	Translucent

Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-15 - 45 °C (5 - 113 °F)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)

Conformance

Regulatory Approvals	CSA,FCC Part 15 Class B,FCC Part 68,UL 1778
Standard Warranty	2 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.

[Copyright](#) © American Power Conversion Corp., all rights reserved
[About APC](#)[Investors](#)[Job Seekers](#)[Press](#)[Feedback](#)[Contact](#)[Privacy Policy](#)