

# BA500 Lead Acid Chargers (Rev 10/16/06)

Ault Model	Battery Voltage DC	Output Amps	Fast Charge Volts DC	Float Charge Volts DC	Maximum Watts
BA500120500003BK	12V	0.5A	14.70	13.80	7.35
BA500120500003NK	12V	0.5A	14.70	13.80	7.35

### Input

- Voltage 100-250 VAC -10%, +6%
- Line Frequency 47 - 63 Hz
- Current 0.3A
- Protection Internal primary current fuse  
Inrush limiting
- Configuration Inlet type: N=IEC320- C8,  
B = NA wallmount

### Electrical

- Topology Switching - DC battery charger
- Dielectric Withstand 3000 VAC, 4243 VDC primary-secondary  
1500 VAC, 2150 VDC primary-ground  
500 DC secondary-ground
- Leakage Current Less than 0.5mA  
change typical
- EMI Complies with EMC Directives
- CE CE Compliant
- MTBF 100,000 calculated hours
- Protection Foldback overcurrent.  
Short circuit protection

### Safety Approvals

- Agency Listings cULus 6950 and TUV EN60950

### LED Indicator

- Indicator Multi-color  
Amber Flicker = Power On  
Red = Charging  
Green = Charge Complete  
Red Flicker = Hardware Error  
Off (unit de-energized)

### Environment

- Operating Temperature 0° to 40° C with no derating
- Storage Temperature -30° to +85° C
- Relative Humidity 5% to 95% non-condensing
- Altitude 0-10,000 feet
- Cooling Convectional - non vented case

### Mechanical

- Case Dimensions LP4 – Desktop & Wallmount  
3.75 L x 2.10 W x 1.25 H (in)  
95 L x 53 W x 32 H (mm)
- Case Material Black 94V0 polycarbonate
- Weight 5 ounces, 143 grams (excluding cord)
- Cords and Connectors 6 ft., 2 conductor, 18 AWG, Ault #3 connector. Other connectors are also available.

## THREE YEAR WARRANTY

**Ault Incorporated, 7105 Northland Terrace, Minneapolis, MN 55428**

**Contact Ault Inc. for all your custom design requirements. Phone: 763.592.1900 • Fax: 763.592.1911**