

# BVW Lead Acid Fast Chargers

## Features

- 100-240 VAC
- In Case IEC 320
- Automatic Fast/Float Function
- LED Indicators
- Charges Lead Acid Batteries
- Optimizes Battery Life
- Meets Safety Agency Requirements
- Complies with EMI-RFI Regulations
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 3 Year Warranty
- Modified and Custom Designs Also Available

| Ault Model      | Battery Voltage DC | Output Amps | Switchover Amps | Fast Charge Volts DC | Float Charge Volts DC | Maximum Watts |
|-----------------|--------------------|-------------|-----------------|----------------------|-----------------------|---------------|
| BVW-06380-0003A | 6                  | 3.80        | 0.205           | 7.35                 | 6.90                  | 28            |
| BVW-12225-0003A | 12                 | 2.25        | 0.165           | 14.70                | 13.80                 | 33            |
| BVW-24125-0003A | 24                 | 1.25        | 0.120           | 29.40                | 27.60                 | 37            |

## Input

- Voltage 100-250 VAC -10%, +6%
- Line Frequency 47 - 63 Hz
- Current 0.80A - 0.35A (Lower current with higher voltage)
- Protection Internal primary current fuse  
Inrush limiting
- Configuration In Case IEC320 with ground

## 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 CSA223; NRTL/C  
(ANSI/UL1310); TUV TO  
EN60065

## LED Indicators

- Indicator #1 On (unit energized)  
(Green) Off (unit de-energized)
- Indicator #2 On (battery discharged)  
Amber) Off (battery charged)

## Environment

- Operating Temperature 5° 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 Convectonal - non vented case

## Mechanical

- Case Dimensions LP7 - Desktop  
5.08 L x 3.05 W x 1.59 H (in)  
129 L x 77 W x 40 H (mm)
- Case Material Black 94V0 polycarbonate
- Weight 13 ounces, 370 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

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