

# CASP/2000 Charger/Analyzer



The popular CASP/2000L and H Universal Battery Support System is a six-channel, microprocessor-controlled battery charger/analyzer, compatible with a wide variety of rechargeable battery types. Functions include fast charge, slow charge, discharge, analyze, recondition and maintenance charge. Rated at up to 14 amps (L model) and 78 volts (H model) with six output channels, the CASP/2000 can process a wide variety of batteries automatically while generating detailed battery servicing reports via a built-in

RS-232 serial output port. The CASP/2000 is ideally suited for military, aerospace, aviation and critical battery analysis applications. The CASP/2000 is delivered complete with six standard Battery Interface Cables and Operator's Manual. Optional items include our popular CASP Printer Emulator Program AB910E which automatically captures the CASP battery servicing report via PC. Up to 8 CASP units may be connected to a single PC using this software application. Important Calibration Information: [SIL2-CASP-0213](#)

- Reconditions ni-cd batteries
- Exclusive Reflex Charging
- Constant Current and Constant Potential Charging
- Provides Rapid Charging/Processing
- Improves cell-to-cell balance
- Compatible with any rechargeable battery
- Operates unattended
- Automatically recognizes battery type
- Small, lightweight and portable
- Can be used worldwide

#### **Mechanical:**

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Size: 8.75" (22.23 cm) wide × 14" (35.56 cm) deep × 4" (10.16 cm) high  
Net weight: 14 pounds (6.36 kg)  
Color: Black

#### **Electrical Input:**

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Voltage: 90 to 135VAC or 180 to 265VAC, automatically selected  
Frequency: 47 to 63 Hz  
Current: 5 amperes, maximum

#### **Electrical Output:**

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Charging power: 350 watts, maximum  
Charging voltage: 0-42VDC (L)  
Charging current: 0-14ADC (L)  
Discharging power: 65 watts, maximum (optional CDC-65 Discharge Booster Available)  
Discharging voltage: 0-42VDC (L)

#### **Environmental (Non-Operating):**

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Altitude: 0 to 40,000 feet  
Temperature: -40°C to 75°C (-40°F to 167°F)  
Relative humidity: 95% maximum, non-condensing  
Shock: 30g  
Vibration: 2g

#### **Environmental (Operating):**

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Altitude: 0 to 10,000 feet  
Temperature: 0°C to 50°C (32°F to 122°F)  
Relative humidity: 95% maximum, non-condensing  
Shock: 30g  
Vibration: 2g

Discharging current: 0-14ADC

**Electrical Display:**

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2-Line LCD