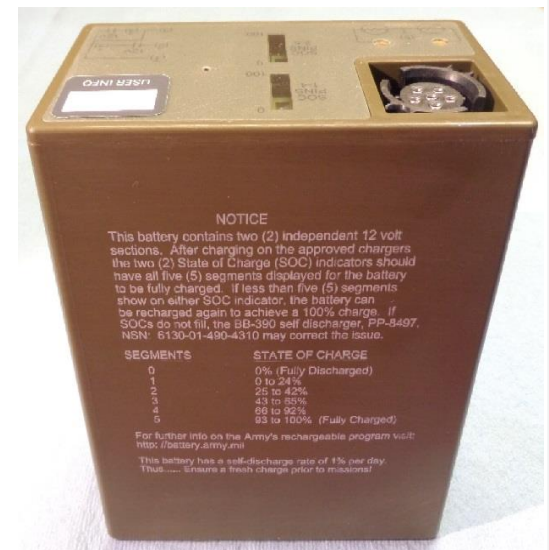


MAI-150722 BB-390B/U 4.9 Ah Nickel-Metal-Hydride Battery Specification



- **BB-390B/U, 4.9Ah**
- Part Number: MAI-150722
- NSN: 6140-01-490-4317
- Voltage Range: 24V Mode: 20.0V to 31.0V
12V Mode: 10.0V to 15.5V
- Capacity: 24V Mode: 4.7Ah at 2.0A at 23°C
12V Mode: 9.4Ah at 2.0A at 23°C
- Max. Continuous Discharge: 24V Mode: 10.0A Continuous
12V Mode: 20.0A Continuous
- Max. Pulse Discharge: 24V Mode: 18.0A for 5 Seconds
12V Mode: 36.0A for 5 Seconds
- Weight: 1.91kg (4.2lbs)
- Dimensions: 2.45" x 4.40" x 5.0"
32.2mm x 111.8mm x 127mm
- Cycle Life: >300 Cycles at C/5 to 80% of initial capacity
- Memory: No Memory Effect
- Operating Temperature: -20°C to +50°C
- Storage Temperature: -40°C to +50°C
- Self-Discharge: >5% per month
- Exterior/Housing: ABS Plastic, Green
- State of Charge Indicator: LCD Displays, one for each section
- Safety: [Safety Datasheet](#) – MAI-150722
- Transportation: Class 9 UN3496 for ocean transport, otherwise unregulated.
- Over Charge Protection
- Under Voltage Protection
- Over Current Protection
- Resettable Thermal Fuse: Activates at 70°C, Resets at 55°C
- One-Time Thermal Fuse: Activates at 91°C
- Charge Using MAI-150760 AC/DC Charger (Recommended)
- Alternate Charging: Each battery section may be charged at a constant current of 480mA for 12 hours at a temperature range of 5°C to 38°C.



Mathews Associates, Inc. 220 Power Court, Sanford, FL 32771, USA

Phone: (407) 323-3390

Email: sales@maifl.com www.maifl.com

All specifications subject to change without notice.

MAIR-DWG-810089 Rev -