

BB-2812/U (1794AS0928)

- High performance rechargeable Lithium Ion battery with instantaneous start up specifically designed to support the AN/PRC-112 family.
- Durable high impact plastic housing.
- High capacity, performance verified, hermetically sealed, lithium-ion cells.
- Protection against short circuit and improper charge.
- State of Charge Indicator 5 segment LCD.

This battery is designed to meet the requirements of 1794AS0928, which is still in draft form.

These requirements will include:

- Voltage and Capacity
- Safety, Cycle life, and Shelf life
- High rate, low rate, and full capacity discharge
- Watertight and Connection Integrity
- Mechanical and Thermal shock
- Altitude, Drop, Humidity, Vibration, etc.
- Battery type detection
- Low temperature discharge



NATO NSN: 6140-99-724-3257
US NSN: TBD

For use in	AN/PRC-112, AN/PRC-112B, AN/PRC-112B1, AN/PRC-112G KY-913, and GPS-112 Program Loader
Replacement for	BA-5312/U, BA-5112/U, 1794AS0953-/U
Cell chemistry	Lithium Ion
Nominal voltage	12.0 Volts
Typical capacity	2.4 Ah
Max discharge	3.0 A continuous -40C to +60C
Nominal dimensions	78 x 57 x 39 mm
Nominal weight	272 grams
Connector	Integral 2 pin connector
Mechanical interface	Molded latches
Case material	High impact engineering plastic, sand color
Operating temperature	-40°C to +60°C
Storage temperature	-55°C to +71°C

Mathews Associates, Inc.
220 Power Court
Sanford FL 32771

Phone: (407) 323-3390 Sales: (800) 871-5262 Fax: (407) 323-3115
Email: sales@maifl.com

