

BB-2590/U SMBus

NSN 6140-01-490-4316

High performance rechargeable Lithium Ion battery with instantaneous start up. Dual state of charge “gas gauge” 2 separate 5 segment LCD’s with constant display. This product complies with SMBus v1.1, SBDData v1.1. Durable high impact plastic housing and connector enclosure. High capacity, performance verified, hermetically sealed, lithium-ion cells. Protection against short circuit and improper charge

This battery meets the requirements of MIL-PRF-32052(CR), MIL/PRF-32052/1 & TRCEOMBB01 for:

- Battery voltage
- Cycle life
- Immersion
- Mechanical and thermal shock
- Vibration
- Insulation resistance
- High rate discharge
- Low temp. discharge
- Full capacity discharge



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| For use in | SINGGARS & ATCS(PRC-104, 117, 119), Falcon (PRC-138, 117) KY-57, MXF430(V), AN/PSC-5, M22 & other equipment. |
| Replacement for | BB-2590/U, BB-390A/U, BB-390B/U, BB-490/U, BB-590/U, BA-5290/U, BA-5590/U, NSN: 6140-99-676-4908 |
| Cell chemistry | Lithium Ion |
| Nominal voltage | 28.8V or two 14.4V sections depending on connection |
| Typical capacity | 7.5Ah @ 24V, 15.0Ah @ 12V |
| Max discharge | 20.0A in 12V mode, 10.0A in 24V mode |
| Max pulse discharge | 36.0A in 12V mode, 18.0A in 24V mode |
| Nominal dimensions | 62 x 112 x 127 mm |
| Nominal weight | 1.30kg |
| Connector | Floating type per U.S Army DWG # SC-C-179495 |
| Case material | Modified ABS, desert tan |
| Operating temperature | -20°C to +60°C |
| Shelf Life | Five (5) years under controlled storage. |
| Disposal | Check with local regulations |

CENTURY DYNAMICS, LLC

WWW.CENTURY-DYNAMICS.COM | WWW.CENTURYDYNAMICS.COM

4500 Mercantile Plaza, Suite 300 Fort Worth, TX, 76137, USA

sales@century-dynamics.com | Tel: 817-612-1500 | Fax: 817-887-1776

DUNS# 079785337 | CAGE Code 7D4P2

BBB A Rating | ITAR Registered | TRACE Certified