

| <b>BA-5093/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY</b>                                                                      |                                |                                 |              |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|--------------|
|                                               | <b>TAMCN: N/A</b>              |                                 |              |
|                                                                                                                                | <b>ID: N/A</b>                 |                                 |              |
|                                                                                                                                | <b>NSN: 6135-01-216-9771</b>   |                                 |              |
| <b>Functional Description</b>                                                                                                  |                                |                                 |              |
| <p>The BA-5093/U is a commonly used battery for various military applications. Its construction has 9 LS-2650 ("C") cells.</p> |                                |                                 |              |
| <b>Technical Description</b>                                                                                                   |                                |                                 |              |
| <b><u>Battery</u></b>                                                                                                          |                                | <b><u>Dimensions</u></b>        |              |
| Manufacturer:                                                                                                                  | Energy Products                | Length (in):                    | 3.3          |
| Model:                                                                                                                         | BA-5093/U                      | Width (in):                     | 3.3          |
| Part #;                                                                                                                        |                                | Height (in):                    | 3.4          |
|                                                                                                                                |                                | Weight (lbs):                   | 1.15         |
| <b><u>Performance Data</u></b>                                                                                                 |                                | <b><u>Electrical Specs</u></b>  |              |
| Voltage:                                                                                                                       | Nominal<br>OCV: 27<br>Volts    | Fuse:                           | Incorporated |
| Internal Resistance:                                                                                                           |                                | High Temperature<br>Switch:     |              |
| Capacity:                                                                                                                      | 3.4 Ah(70°F)<br>1.7 Ah (-20°F) | Diode:                          | Incorporated |
| <b><u>Shelf Life</u></b>                                                                                                       |                                | <b><u>Temperature Range</u></b> |              |
|                                                                                                                                |                                | Operating:                      |              |
|                                                                                                                                |                                | Storage:                        |              |
| <p>Case Material &amp; Color: Plastic Battery Enclosure. Lusterless Green</p>                                                  |                                |                                 |              |
| <b>NOTE: N/A</b>                                                                                                               |                                |                                 |              |
| <b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b>                                    |                                |                                 |              |
| <b>Check the manufactures MSDS for disposal information.</b>                                                                   |                                |                                 |              |

| <b>BA-5112A/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY</b>                                  |                              |                                     |              |
|---------------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|
|            | <b>TAMCN: N/A</b>            |                                     |              |
|                                                                                             | <b>ID: N/A</b>               |                                     |              |
|                                                                                             | <b>NSN: 6135-01-439-6229</b> |                                     |              |
| <b>Functional Description</b>                                                               |                              |                                     |              |
| The BA-5112A/U is a commonly used battery for various military applications.                |                              |                                     |              |
| <b>Technical Description</b>                                                                |                              |                                     |              |
| <b><u>Battery</u></b>                                                                       |                              | <b><u>Dimensions</u></b>            |              |
| Manufacturer:                                                                               | Soft Batteries               | Length (in):                        | 3.06         |
| Model:                                                                                      | BA-5112A/U                   | Width (in):                         | 2.25         |
| Part #;                                                                                     |                              | Height (in):                        | 1.54         |
|                                                                                             |                              | Weight (lbs):                       | 0.397        |
| <b><u>Performance Data</u></b>                                                              |                              | <b><u>Electrical Specs</u></b>      |              |
| Voltage:                                                                                    | Nominal OCV:<br>12 volts     | Fuse:                               | Incorporated |
| Internal Resistance:                                                                        |                              | High Temperature<br>Switch:         | Max. +196°F  |
| Capacity:                                                                                   | 2.0 Ah                       | Diode:                              |              |
| <b><u>Shelf Life</u></b>                                                                    |                              | <b><u>Temperature<br/>Range</u></b> |              |
|                                                                                             |                              | Operating:                          |              |
|                                                                                             |                              | Storage:                            |              |
| Case Material & Color:                                                                      |                              |                                     |              |
| <b>NOTE:</b> Replaced BA-5112, NSN 6135-01-235-4168                                         |                              |                                     |              |
| <b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b> |                              |                                     |              |
| <b>Check the manufactures MSDS for disposal information.</b>                                |                              |                                     |              |

**BA-5347/U – LITHIUM/MANGANESE DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-455-7946**

**Functional Description**

The BA-5347/U is a commonly used battery for various military applications. Applications Thermal Weapon Sights.

**Technical Description**

**Battery**

Manufacturer: Bren-Tronics  
 Model: BA 5347/U  
 Part#: BT-70478

**Dimensions**

Length (in): 2.55  
 Width (in): 1.50  
 Height (in): 3.75  
 Weight (lbs): 9.5 oz

**Performance Data**

Voltage: Nominal OCV: 6 Volts  
 Internal Resistance:  
 Capacity: 10 Ah

**Electrical Specs**

Fuse:  
 High Temperature Switch:  
 Diode:

**Shelf Life**

5-Years  
 After 5 yrs of storage @69.8°F, 50%R.H. remaining capacity will be greater than 97%.

**Temperature Range**

Operating: -4°F to +130°F  
 Storage: -40°F to +130°F

Case Material & Color: Modified ABS (Acrylonitrile Butadiene Styrene) plastic. Olive Drab (Green) #34088 per FED-STD-595 with Black Printing.

**NOTE:** Replaced BA-5347.

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

**BA-5367/U – LITHIUM/MANGANESE DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-507-1135**

**Functional Description**

The BA-5367/U is non-rechargeable battery, commonly used for various military applications. A direct replacement for the Li-SO<sub>2</sub> BA-5567/U, this battery has over 50% more capacity and is used in a wide variety of devices including night vision systems, as well as AN/PSG digital message devices, tactical meteorological systems and AN/PAQ-4 infrared aiming lights.

**Technical Description**

**Battery**

Manufacturer: Ultralife Batteries  
 Model: BA-5367/U  
 Part #: UB0006

**Dimensions**

Length (in): 1.0  
 Width (in):  
 Height (in): .82  
 Weight (lbs): .78

**Performance Data**

Voltage: Nominal OCV: 3 Volts  
 Internal Resistance:  
 Capacity: 1.3 AHrs (50mA to 20V@ 73.4°F)  
**Shelf Life** 10-Years

**Electrical Specs**

Fuse:  
 High Temperature Switch:  
 Diode:

**Temperature Range**

Operating: -40°F to +161.6°F  
 Storage: -40°F to +203°F.

Case Material & Color: Plastic

**NOTE:** This is an alternative for BA-5567/U, NSN 6135-01-447-5082

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

| <b>BA-5368/U– LITHIUM/MANGANESE DIOXIDE PRIMARY BATTERY</b>                                                                                                                                     |                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                | <b>TAMCN: N/A</b>                                                                                                                                                                                           |
|                                                                                                                                                                                                 | <b>ID: N/A</b>                                                                                                                                                                                              |
|                                                                                                                                                                                                 | <b>NSN: 6135-01-455-7947</b>                                                                                                                                                                                |
| <b>Functional Description</b>                                                                                                                                                                   |                                                                                                                                                                                                             |
| The BA-5368/U is a commonly used battery for various military applications.                                                                                                                     |                                                                                                                                                                                                             |
| <b>Technical Description</b>                                                                                                                                                                    |                                                                                                                                                                                                             |
| <p><b><u>Battery</u></b></p> <p>Manufacturer: Ultralife Batteries</p> <p>Model: BA-5368/U</p> <p>Part #: UB 2776</p>                                                                            | <p><b><u>Dimensions</u></b></p> <p>Length (in): 3.03</p> <p>Diameter (in): 1.7</p> <p>Diameter (in): 1.9</p> <p>Weight (lbs): 0.168</p>                                                                     |
| <p><b><u>Performance Data</u></b></p> <p>Voltage: Nominal OCV: 12.0 volts</p> <p>Internal Resistance:</p> <p>Capacity: 1Ahr @ 40 mA to 8V @ 73.4°F</p> <p><b><u>Shelf Life</u></b> 10-Years</p> | <p><b><u>Electrical Specs</u></b></p> <p>Fuse:</p> <p>High Temperature Switch:</p> <p>Diode:</p> <p><b><u>Temperature Range</u></b></p> <p>Operating: -22°F to +161.6°F</p> <p>Storage: -40°F to +203°F</p> |
| Case Material & Color: N/A. Plastic Housing                                                                                                                                                     |                                                                                                                                                                                                             |
| <b>NOTE:</b> Replaced BA-1566, NSN 6135-00-838-0706                                                                                                                                             |                                                                                                                                                                                                             |
| <b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b>                                                                                                     |                                                                                                                                                                                                             |
| <b>Check the manufactures MSDS for disposal information.</b>                                                                                                                                    |                                                                                                                                                                                                             |

**BA-5372/U – LITHIUM/MANGANESE DIOXIDE PARIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-214-6441**

**Functional Description**

The BA-5372/U is a non-rechargeable battery commonly used for various military applications. Applications include back-up power in communication devices, including SINCGARS.

**Technical Description**

**Battery**

Manufacturer: Bren-Tronics  
 Model: BA-5372/U  
 Part #: BT-70532

**Dimensions**

Length (in): 1.32  
 Width (in): 0.20  
 Diameter (in): 0.66  
 Weight (lbs): 0.04  
 Cube (ft.): 0.44

**Performance Data**

Voltage: Nominal OCV: 6.0 Volts  
  
 Internal Resistance:  
  
 Capacity: 480 mAH  
**Shelf Life** 5 years @ 69.8°F

**Electrical Specs**

Fuse:  
  
 High Temperature Switch:  
 Diode:

**Temperature Range**

Operating: -4°F to +130°F  
  
 Storage: -40°F to +130°F

Case Material & Color: Plastic Impregnated Fiber Board, Olive Drab (Green) #34088 per FED-STD-595 with black printing

**NOTE:** Replacement for BA-1372/U (Mercury), NSN 6135-01-235-4168

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

**BA-5374/U – LITHIUM/MANGANESE DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-455-9646**

**Functional Description**

The BA-5374/U is a non-rechargeable battery, commonly used for various military applications. Applications include Distress Marker Lights.

**Technical Description**

**Battery**

Manufacturer: Bren-Tronics  
 Model: BA-5374/U  
 Part#: BT-70430

**Dimensions**

Length (in): 2.375  
 Width (in):  
 Diameter (in): .665  
 Weight (lbs): 0.125

**Performance Data**

Voltage: Nominal OCV: 6.0 Volts  
 Internal Resistance:  
 Capacity: 1400 mAh

**Electrical Specs**

Fuse:  
 High Temperature Switch:  
 Diode:

**Shelf Life**

**Temperature Range**

Operating: -4°F to +130°F  
 Storage: -4°F to +130°F

Case Material & Color: Plastic Sleeve, Black #37038 per FED-STD -595 with White Printing

**NOTE:** Replacement for BA-1574/U (Mercury Battery), NSN 6135-00-073-8939

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

**BA-5390/U – LITHIUM/MANGANESE DIOXIDE PRIMARY BATTERY**

**OBSOLETE**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-501-0833**

**Functional Description**

The BA-5390/U is a non-rechargeable battery commonly used for various military applications. Its cells are Hermetic Ni-Plated Steel Cans. The BA-5390/U provides up to 40% more capacity than the BA-5590.

**Technical Description**

**Battery**

Manufacturer: Ultralife Batteries Inc.  
 Model: BA-5390/U  
 Part #: UB0001

**Dimensions**

Length (in): 4.4  
 Width (in): 2.45  
 Height (in): 5.0  
 Weight (lbs): 2.87

**Performance Data**

Voltage: Nominal OCV: 30 or 15 Volts  
 Internal Resistance:  
 Capacity: 11 AHrs (250mA to 20V) or 22 AHrs (250mA to 10V @73.4°F)

**Electrical Specs**

Fuse:  
 High Temperature Switch: Max. 190°F  
 Diode:

**Shelf Life**

5-Years

**Temperature Range**

Operating: -22°F to +161.6°F  
 Storage: -40°F to +194°F

Case Material & Color: Plastic, Lusterless Green.

**NOTE:** This is an alternative for the BA-5590/U. Connector: SC-C-179492. This battery has a higher initial voltage than a BB-5590/U battery, which may cause problems in some equipment.

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

| <b>BA-5390A/U SOCI – LITHIUM/MANGANESE DIOXIDE<br/>PRIMARY BATTERY</b>                                                                                                                                                                                                          |                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                | <b>TAMCN: N/A</b>                                                                                                                     |
|                                                                                                                                                                                                                                                                                 | <b>ID: N/A</b>                                                                                                                        |
|                                                                                                                                                                                                                                                                                 | <b>NSN: 6135-01-517-6060</b>                                                                                                          |
| <b>Functional Description</b>                                                                                                                                                                                                                                                   |                                                                                                                                       |
| <p>The BA-5390A/U is a commonly used battery for various military applications. The State of Charge Indicator (SOCI) displays remaining battery capacity in five distinct ranges from 80% to 20%. The BA-5390A/U provides approximately 40% more run time than the BA-5590.</p> |                                                                                                                                       |
| <b>Technical Description</b>                                                                                                                                                                                                                                                    |                                                                                                                                       |
| <p><b><u>Battery</u></b></p> <p>Manufacturer: Ultralife Batteries</p> <p>Model: BA-5390A/U</p> <p>Part #: UB0021</p>                                                                                                                                                            | <p><b><u>Dimensions</u></b></p> <p>Length (in): 4.4</p> <p>Width (in): 2.45</p> <p>Height (in): 5.0</p> <p>Weight (lbs): 2.87</p>     |
| <p><b><u>Performance Data</u></b></p> <p>Voltage: Nominal OCV: 30 or 15 Volts</p> <p>Internal Resistance:</p> <p>Capacity: 11 Ah (250mA to 20V) or 22 Ah (250mA to 10V) at 73.4F°</p>                                                                                           | <p><b><u>Electrical Specs</u></b></p> <p>Fuse: Incorporated</p> <p>High Temperature Switch: Max. 190°F</p> <p>Diode: Incorporated</p> |
| <p><b><u>Shelf Life</u></b> 10-Years</p>                                                                                                                                                                                                                                        | <p><b><u>Temperature Range</u></b></p> <p>Operating: -22°F to +161.6°F</p> <p>Storage: -40°F to +194°F</p>                            |
| <p>Case Material &amp; Color: Plastic Battery Enclosure. Lusterless Green</p>                                                                                                                                                                                                   |                                                                                                                                       |
| <p><b>NOTE:</b> This is an alternative for the BA-5590/U. Connector: SC-C-179492. This battery has a higher initial voltage than a BB-5590/U battery, which may cause problems in some equipment.</p>                                                                           |                                                                                                                                       |
| <p><b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b></p>                                                                                                                                                                              |                                                                                                                                       |
| <p><b>Check the manufactures MSDS for disposal information.</b></p>                                                                                                                                                                                                             |                                                                                                                                       |

**BA-5557A/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 3165-01-448-4680**

**Functional Description**

The BA-5557A/U is a commonly used battery for various military applications.

**Technical Description**

**Battery**

Manufacturer: Saft Batteries  
 Model: BA 5557A/U  
 Part #:

**Dimensions**

Length (in):  
 Width (in):  
 Height (in):  
 Weight (lbs):

**Performance Data**

Voltage: 14V / 28V  
 Internal Resistance:

**Electrical Specs**

Fuse:  
 High Temperature  
 Switch:  
 Diode:

Capacity:

**Cycle Life**

**Shelf Life**

Life:  
 Storage:

Case Material & Color:

Climatic Conditions: Operating Temperature:, Storage Temperature:

**NOTE:** Replacement for the BA-5557, NSN 6135-01-088-2707

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

**BA-5567A/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-447-5082**

**Functional Description**

The BA-5567A/U is a commonly used battery for various military applications. Typical applications include Night Vision Goggles, Night Vision Sights and Data Entry Devices.

**Technical Description**

**Battery**

Manufacturer: Mathews Associates  
 Model: BA-5567A/U  
 Part #:

**Dimensions**

Length (in):  
 Diameter (in): 1.00  
 Height (in): 0.72  
 Weight (lbs): 0.7 oz

**Performance Data**

Voltage: Nominal OCV: 3.0 volts  
 Internal Resistance:  
 Capacity: 0.86 Ah(70F°)  
 0.57 Ah(20F°)

**Electrical Specs**

Fuse: Not Required  
 High Temperature Switch: Not Required  
 Diode: Not Required

**Shelf Life**

**Temperature Range**

Operating: -40°F to +131°F  
 Storage: -40°F to +160°F

Case Material & Color: Plastic

**NOTE:** Replacement for BA-5567/U, BA-1567/U, BA-5367/U

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

**BA-5588A/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-447-5083**

**Functional Description**

The BA-5588A/U is a commonly used battery for various military applications.

**Technical Description**

**Battery**

Manufacturer: Saft Batteries  
 Model: BA-5588A/U  
 Part #:

**Dimensions**

Length (in): 3.6  
 Width (in): 1.2  
 Height (in): 3.5  
 Weight (lbs): 0.98

**Performance Data**

Voltage: Nominal OCV: 13.5 volts  
 Internal Resistance:  
 Capacity: 3.3 Ah (130°F)  
 3.4 Ah (21°F)  
 1.6 Ah (-29°F)  
**Shelf Life**  
 85% of min. capacity after 60 months

**Electrical Specs**

Fuse: Incorporated  
 High Temperature Switch:  
 Diode: Incorporated.

**Temperature Range**

Operating: See below  
 Storage: See below

Case Material & Color: Plastic Battery Enclosure. Lusterless Green  
 Climatic Conditions: Operating Temperature: Under low to medium rate discharges, -40°F to +131°F. The maximum temperature for low rate operation must be below +200°F. At temperatures above +131°F, the electrical performance of the battery may suffer. At temperatures below -40°F, operational time is significantly reduced but the Li/SO<sub>2</sub> chemistry is capable of operation down to at least -100°F. Storage Temperature: For maximum shelf life it is recommended that exposure to temperatures above +131°F be minimized and ideally that storage temperatures remain below +95°F.

**NOTE:** Do not expose to temperatures over +158°F or submerge in conductive solutions  
 Replaced BA-5588, NSN 6135-01-088-2708

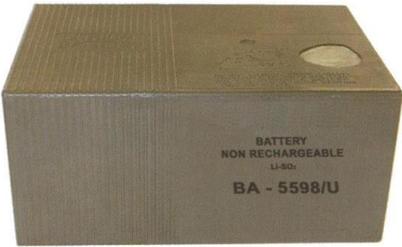
**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

| <b>BA-5590B/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY</b>                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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|                                                                                                                                                                         | <b>TAMCN: N/A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                          | <b>ID: N/A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                          | <b>NSN: 6135-01-438-9450</b>                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Functional Description</b>                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p>The BA-5590B/U is a commonly used battery for various military applications. Typical applications include SINCGARS Radios, Encryption Sets, TOW Night Sights, and Remotely Monitored Battlefield Surveillance Systems.</p>                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Technical Description</b>                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b><u>Battery</u></b></p> <p>Manufacturer: SAFT<br/>                     Model: BA-5590B/U<br/>                     Part #:</p>                                                                                                                       | <p><b><u>Dimensions</u></b></p> <p>Length (in): 2.45<br/>                     Width (in): 4.4<br/>                     Height (in): 5<br/>                     Weight (lbs): 2.25</p>                                                                                                                                                                                                                                                                 |
| <p><b><u>Performance Data</u></b></p> <p>Voltage: Nominal OCV: 13.5 or 27.0 volts<br/>                     Internal Resistance:<br/>                     Capacity: 15 Ah (12V)<br/>                     7.5 Ah (24V)</p> <p><b><u>Shelf Life</u></b></p> | <p><b><u>Electrical Specs</u></b></p> <p>Fuse: Incorporated in the negative leg of each series group of cells<br/>                     High Temperature Switch: Incorporated in each series leg of cells<br/>                     Diode: Incorporated into the positive leg of each series group cells</p> <p><b><u>Temp Range</u></b></p> <p>Operating: -40°F to +160°F<br/>                     Storage: Possible -40°F to Recommended Max 95°F</p> |
| Case Material & Color: Plastic, lusterless green                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>NOTE:</b> Replaced BA-5590, NSN 6135-01-036-3495                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b>                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Check the manufactures MSDS for disposal information.</b>                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

| <b>BA-5590A/U SOCI – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY</b>                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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|                                                                                                                                                                                                                                                                      | <b>TAMCN: N/A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|                                                                                                                                                                                                                                                                                                                                                       | <b>NSN: 6135-01-523-3037</b>                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Functional Description</b>                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>The BA-5590A/U SOCI is a commonly used battery for various military applications. Typical applications include SINCGARS Radios, Encryption Sets, TOW Night Sights, and Remotely Monitored Battlefield Surveillance Systems. The Status of Charge Indicator (SOCI) displays remaining battery capacity in five distinct ranges from 80% to 20%.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Technical Description</b>                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p><b><u>Battery</u></b></p> <p>Manufacturer: Eaglepicher<br/>           Model: BA-5590A/U<br/>           Part #:</p>                                                                                                                                                                                                                                 | <p><b><u>Dimensions</u></b></p> <p>Length (in): 2.45<br/>           Width (in): 4.4<br/>           Height (in): 5<br/>           Weight (lbs): 2.25</p>                                                                                                                                                                                                                                                                                              |
| <p><b><u>Performance Data</u></b></p> <p>Voltage: Nominal OCV: 13.5 or 27.0 volts<br/>           Internal Resistance:<br/>           Capacity: 15 Ah (12V)<br/>                         7.5 Ah (24V)</p> <p><b><u>Cycle Life</u></b> 5-years</p>                                                                                                      | <p><b><u>Electrical Specs</u></b></p> <p>Fuse: Incorporated in the negative leg of each series group of cells<br/>           High Temperature Switch: Incorporated in each series leg of cells<br/>           Diode: Incorporated into the positive leg of each series group cells</p> <p><b><u>Shelf Life</u></b></p> <p>Life: Above 5 yrs and up to 15 for some applications<br/>           Storage: Capacity loss in storage at +68° - &lt;3%</p> |
| <p>Case Material &amp; Color: Plastic, lusterless green<br/>           Climatic Conditions: Operating Temperature: -40°F to +160°F, Storage Temperature: Possible -40°F to Recommended Max +95°F</p>                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>NOTE: N/A</b>                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b>                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Check the manufactures MSDS for disposal information.</b>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

**BA-5598A/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-447-5081**

**Functional Description**

The BA 5598A/U is a commonly used battery for various military applications. Typical applications include Radio Sts, Radar Sets and Intrusion Detection Sets.

**Technical Description**

**Battery**

Manufacturer: Mathews Associates  
 Model: BA-5598A/U  
 Part #: 37250519

**Dimensions**

Length (in):  
 Width (in):  
 Height (in):  
 Weight (lbs):

**Performance Data**

Voltage: Nominal OCV: 15V  
 Internal Resistance:  
 Capacity: 7.6 Ah

**Electrical Specs**

Fuse:  
 High Temperature Switch:  
 Diode:

**Shelf Life**

**Temperature Range**

Operating: -40°F to +131°F  
 Storage: -40°F to max +160°F

Case Material & Color: Plastic, lusterless green

**NOTE:** Replacement for BA-5598, NSN 6135-01-034-2239

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

**BA-5599A/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-447-4001**

**Functional Description**

The BA 5599A/U is a commonly used battery for various military applications.

**Technical Description**

**Battery**

Manufacturer: Saft Batteries  
 Model: BA-5599A/U  
 Part #:

**Dimensions**

Length (in): 6.0  
 Width (in): 2.5  
 Height (in): 1.5  
 Weight (lbs):

**Performance Data**

Voltage: Typical OCV: 9.0V  
 Nominal OCV: 8.1V at 500mA  
 Internal Resistance:  
 Capacity: 7.5 Ah (+70°F)

**Electrical Specs**

Fuse: Incorporated  
 High Temperature Switch:  
 Diode: Incorporated  
**Temperature Range**  
 Operating: -40°F to +160°F  
 Storage: -40°F to max +160°F

**Shelf Life**

Case Material & Color: Plastic, lusterless green

**NOTE:** Replacement for BA-5599, NSN 6135-01-069-8575

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

**BA-5600A/U – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-441-0402**

**Functional Description**

The BA-5600A/U is a commonly used battery for various military applications.

**Technical Description**

**Battery**

Manufacturer: Saft Batteries  
 Model: BA-5600A/U  
 Part #:

**Dimensions**

Length (in):  
 Width (in): 1.57  
 Height (in): 7.32  
 Weight (lbs): .80

**Performance Data**

Voltage: Nominal OCV: 9.0 volts  
 Internal Resistance:  
 Capacity: 7.5 Ah

**Electrical Specs**

Fuse: Incorporated  
 High Temperature Switch:  
 Diode: Incorporated.

**Shelf Life**

**Temperature Range**

Operating: -13°F to +131°F  
 Storage: -22°F to +131°F  
 Do not expose to temperatures > +158°F

Case Material & Color: Plastic, Lusterless Green.

**NOTE:** Replacement for BA-5600/U, 6135-01-168-2944

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

| <b>BA-5800A – LITHIUM/SULFUR DIOXIDE PRIMARY BATTERY</b>                                                                                                                                                    |                                |                                 |                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|
|                                                                                                                            |                                | <b>TAMCN: N/A</b>               |                                                                                                  |
|                                                                                                                                                                                                             |                                | <b>ID: N/A</b>                  |                                                                                                  |
|                                                                                                                                                                                                             |                                | <b>NSN: 6135-01-440-7774</b>    |                                                                                                  |
| <b>Functional Description</b>                                                                                                                                                                               |                                |                                 |                                                                                                  |
| <p>The BA-5800A is a commonly used battery for various military applications. Its 2 cells connect in series. Typical applications include Ground Positioning Systems (GPS) and Chemical Agent Monitors.</p> |                                |                                 |                                                                                                  |
| <b>Technical Description</b>                                                                                                                                                                                |                                |                                 |                                                                                                  |
| <b><u>Battery</u></b>                                                                                                                                                                                       |                                | <b><u>Dimensions</u></b>        |                                                                                                  |
| Manufacturer:                                                                                                                                                                                               | Mathews Associate              | Length (in):                    | 5.059                                                                                            |
| Model:                                                                                                                                                                                                      | BA-5800A                       | Diameter (in):                  | 1.398                                                                                            |
| Part #                                                                                                                                                                                                      |                                | Height (in):                    | N/A                                                                                              |
|                                                                                                                                                                                                             |                                | Weight (lbs):                   | .50                                                                                              |
| <b><u>Performance Data</u></b>                                                                                                                                                                              |                                | <b><u>Electrical Specs</u></b>  |                                                                                                  |
| Voltage:                                                                                                                                                                                                    | Nominal OCV:<br>6.0 volts      | Fuse:                           | Incorporated in the negative leg of the series group of cells. It will open at +189°F to +196°F. |
| Internal Resistance:                                                                                                                                                                                        |                                | High Temperature Switch:        | Incorporated in each series leg of cells                                                         |
| Capacity:                                                                                                                                                                                                   | 7.5 Ah(+70F°)<br>5.75Ah (-29°) | Diode:                          | Incorporated into the positive leg                                                               |
| <b><u>Shelf Life</u></b>                                                                                                                                                                                    |                                | <b><u>Temperature Range</u></b> |                                                                                                  |
|                                                                                                                                                                                                             |                                | Operating:                      | -40°F to +131°F                                                                                  |
|                                                                                                                                                                                                             |                                | Storage:                        | -40°F to +160°F                                                                                  |
| Case Material & Color: Mylar Sleeve or PVC Tube, lusterless green                                                                                                                                           |                                |                                 |                                                                                                  |
| <b>NOTE:</b> Replaced BA-5800, NSN 6665-99-760-9742                                                                                                                                                         |                                |                                 |                                                                                                  |
| <b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b>                                                                                                                 |                                |                                 |                                                                                                  |
| <b>Check the manufactures MSDS for disposal information.</b>                                                                                                                                                |                                |                                 |                                                                                                  |

**BA-8140/U 12 VOLT ZINC-AIR BATTERY PACK**



**TAMCN: N/A**

**ID: N/A**

**NSN: 6135-01-517-0952**

**Functional Description**

The BA-8140/U is a half-size comparable battery to the BA-8180/U battery pack. It is a 12 volt, 400 watt-hour, zinc air battery. Each battery pack consists of one 13.2V battery and an internal fan. It can be used for direct power as an external alternative to the BA-5590, as a portable charger, or in a hybrid with other power sources.

**Technical Description**

**Battery**

Manufacturer: Electric Fuel  
 Model: BA-8140/U  
 Volts: 14  
 Part #:

**Dimensions**

Length (in): 11.5  
 Width (in): 3.8  
 Height (in): 2.4  
 Weight (lbs): 3.2

**Performance Data**

Nominal voltage:: 14V  
 Internal Resistance:  
 Capacity: 27 Ah  
 Reserve Capacity:

**Power**

CCA (BCI 0°F)  
 Maximum Current 2A (12V)  
 Energy Density 295 Wh/L  
 Specific Energy 330 Wh/kg

**Interface Adapters**

J-6686/U

**Temperature Range**

Operating -4°F to +140°F  
 Storage -4°F to +140°F

**Shelf Life**

2-Years

Case Material & Color: ABS (Acrylonitrile Butadiene Styrene) plastic case, water resistant. Black

- NOTE:** 1. The battery pack must be stored in its original, sealed metalized bag.  
 2. External alternative for BA-5590.  
 3. Requires an adapter to connect to 12V radios.

**Storage at high temperatures permanently degrades battery capacity of all batteries.**

**Check the manufactures MSDS for disposal information.**

| <b>BA-8180/U 12/24 VOLT ZINC-AIR BATTERY PACK</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------|---------------------------|--------------------------|--|---------------|---------------|--------------|------|--------|-----------|-------------|-----|--------|-------|--------------|-----|-------|--|---------------|-----|--------------------------------|--|---------------------|--|------------------|---------|---------------|--|----------------------|--|-----------------|----|-----------|--------------------------|----------------|----------|-------------------|--|-----------------|-----------|----------------------------------|--|--------------------------|--|--|--------------------|------|---------|--|--------------------|---------|---------------------------|--|--------------------|--|--|--|----------|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>TAMCN: N/A</b>            |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>ID: N/A</b>               |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>NSN: 6135-01-500-0572</b> |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <b>Functional Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <p>The BA-8180/U is a 12/24 volt, 800 watt-hour, zinc air battery. Each battery pack consists of two 13.2V batteries and an internal fan. It can be used for direct power as an external alternative to the BA-5590, as a portable charger, or in a hybrid with other power sources. The interface adapter selected determines whether the battery is used in series (33.6V OCR) mode or parallel (16.8V OCV) mode.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <b>Technical Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <table border="0" style="width: 100%;"> <tr> <td colspan="2"><b><u>Battery</u></b></td> <td colspan="2"><b><u>Dimensions</u></b></td> </tr> <tr> <td>Manufacturer:</td> <td>Electric Fuel</td> <td>Length (in):</td> <td>11.5</td> </tr> <tr> <td>Model:</td> <td>BA-8180/U</td> <td>Width (in):</td> <td>7.0</td> </tr> <tr> <td>Volts:</td> <td>14/28</td> <td>Height (in):</td> <td>2.4</td> </tr> <tr> <td>Part#</td> <td></td> <td>Weight (lbs):</td> <td>6.2</td> </tr> <tr> <td colspan="2"><b><u>Performance Data</u></b></td> <td colspan="2"><b><u>Power</u></b></td> </tr> <tr> <td>Nominal Voltage:</td> <td>14V/28V</td> <td>CCA (BCI 0°F)</td> <td></td> </tr> <tr> <td>Internal Resistance:</td> <td></td> <td>Maximum Current</td> <td>4A</td> </tr> <tr> <td>Capacity:</td> <td>56 Ah(12V)<br/>27 Ah(24V)</td> <td>Energy Density</td> <td>320 Wh/L</td> </tr> <tr> <td>Reserve Capacity:</td> <td></td> <td>Specific Energy</td> <td>320 Wh/kg</td> </tr> <tr> <td colspan="2"><b><u>Interface Adapters</u></b></td> <td colspan="2"><b><u>Shelf Life</u></b></td> </tr> <tr> <td></td> <td>J-6633/U, J-6632/U</td> <td>Life</td> <td>2 years</td> </tr> <tr> <td></td> <td>J-6634/U, J-6687/U</td> <td>Storage</td> <td>Do not store above +140°F</td> </tr> <tr> <td></td> <td>J-6688/U, J-6685/U</td> <td></td> <td></td> </tr> <tr> <td></td> <td>J-6686/U</td> <td></td> <td></td> </tr> </table> <p>Case Material &amp; Color: ABS(Acrylonitrile Butadiene Styrene) plastic, water resistant. Black<br/>           Climatic Conditions: Operating: -4°F to +140°F, Storage: -4°F to +140°F</p> |                              | <b><u>Battery</u></b>    |                           | <b><u>Dimensions</u></b> |  | Manufacturer: | Electric Fuel | Length (in): | 11.5 | Model: | BA-8180/U | Width (in): | 7.0 | Volts: | 14/28 | Height (in): | 2.4 | Part# |  | Weight (lbs): | 6.2 | <b><u>Performance Data</u></b> |  | <b><u>Power</u></b> |  | Nominal Voltage: | 14V/28V | CCA (BCI 0°F) |  | Internal Resistance: |  | Maximum Current | 4A | Capacity: | 56 Ah(12V)<br>27 Ah(24V) | Energy Density | 320 Wh/L | Reserve Capacity: |  | Specific Energy | 320 Wh/kg | <b><u>Interface Adapters</u></b> |  | <b><u>Shelf Life</u></b> |  |  | J-6633/U, J-6632/U | Life | 2 years |  | J-6634/U, J-6687/U | Storage | Do not store above +140°F |  | J-6688/U, J-6685/U |  |  |  | J-6686/U |  |  |
| <b><u>Battery</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              | <b><u>Dimensions</u></b> |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Manufacturer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Electric Fuel                | Length (in):             | 11.5                      |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Model:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | BA-8180/U                    | Width (in):              | 7.0                       |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Volts:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14/28                        | Height (in):             | 2.4                       |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Part#                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              | Weight (lbs):            | 6.2                       |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <b><u>Performance Data</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              | <b><u>Power</u></b>      |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Nominal Voltage:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14V/28V                      | CCA (BCI 0°F)            |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Internal Resistance:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              | Maximum Current          | 4A                        |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Capacity:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 56 Ah(12V)<br>27 Ah(24V)     | Energy Density           | 320 Wh/L                  |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| Reserve Capacity:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              | Specific Energy          | 320 Wh/kg                 |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <b><u>Interface Adapters</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              | <b><u>Shelf Life</u></b> |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | J-6633/U, J-6632/U           | Life                     | 2 years                   |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | J-6634/U, J-6687/U           | Storage                  | Do not store above +140°F |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
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| <p><b>NOTE:</b> 1. The battery pack must be stored in its original, sealed metalized bag.<br/>           2. Requires an adapter to connect to 12/24 volt radios for use.<br/>           3. Cannot work while submersed in water.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <b>Storage at high temperatures permanently degrades battery capacity of all batteries.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |
| <b>Check the manufactures MSDS for disposal information.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              |                          |                           |                          |  |               |               |              |      |        |           |             |     |        |       |              |     |       |  |               |     |                                |  |                     |  |                  |         |               |  |                      |  |                 |    |           |                          |                |          |                   |  |                 |           |                                  |  |                          |  |  |                    |      |         |  |                    |         |                           |  |                    |  |  |  |          |  |  |