

## COMMERCIAL ITEM DESCRIPTION

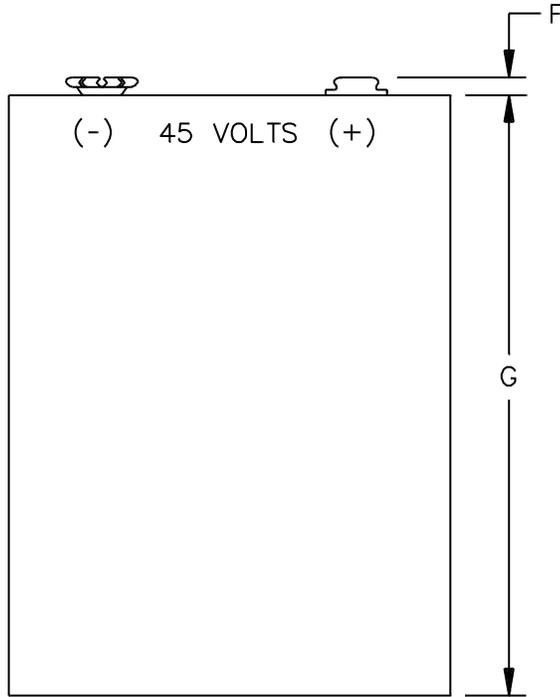
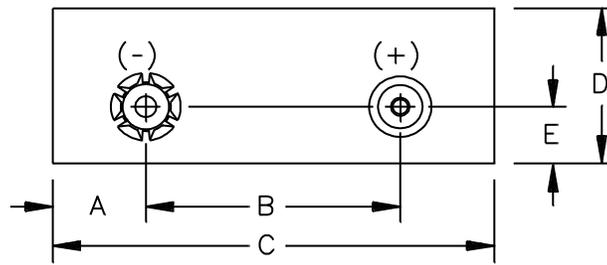
### BATTERY, DRY, +45 VDC

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

1. **SCOPE.** This commercial item description (CID) covers the general requirements for a 45 VDC dry-cell battery used in portable electronic, communication, and other military equipment including radio and test sets and flashlights. Batteries covered by this CID are intended for commercial/industrial applications.
2. **CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN).** This CID uses a classification system which is included in the PIN. The PIN shall be AA59265BA56 (see 7.1).
3. **SALIENT CHARACTERISTICS.**
  - 3.1 Interface and physical dimensions. Batteries supplied to this CID shall be as specified herein and shall meet the requirements of [ANSI C18.1M, Part 1](#), for portable primary cells and batteries with aqueous electrolytes.
  - 3.2 Dimensions. The battery shall meet the dimensional requirements shown in [figure 1](#).
  - 3.3 Nominal voltage. The battery shall provide a voltage of +45 VDC.
  - 3.4 Weight. The battery weight shall not exceed 10 ounces
  - 3.5 Terminal type. The terminals for this battery shall be the snap-on type consisting of two parts: stud (nonresilient member) for the positive terminal and socket (resilient member) for the negative terminal.
  - 3.6 Cell type. Cells shall meet the requirements of [ANSI C18.1M Part 1](#), battery specification 15.
  - 3.7 Marking. Batteries supplied to this CID shall be marked with the manufacturer's (MFR's) standard commercial PIN. (NOTE: The part number marked on the unit pack shall be the CID PIN.)
  - 3.8 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.
  - 3.9 Workmanship. Battery charger/analyzers shall be processed in such a manner as to be uniform in quality and shall be free from other defects that will affect life, serviceability, or appearance.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data that may improve this document should be sent to: DLA Land and Maritime, ATTN: VAT, P.O. Box 3990, Columbus, OH 43218-3990, or email <mailto:CircuitProtect@dla.mil>. Since contact information can change you may want to verify the currency of the address information using the ASSIST Online database at <https://assist.dla.mil/>.

A-A-59265B



| ltr | Inches |       | mm    |       |
|-----|--------|-------|-------|-------|
|     | Min    | Max   | Min   | Max   |
| A   | 0.516  | 0.578 | 13.11 | 14.68 |
| B   | 1.484  | 1.516 | 37.69 | 38.51 |
| C   | 2.531  | 2.656 | 64.29 | 67.46 |
| D   | 0.875  | 1.000 | 22.23 | 25.40 |
| E   | 0.323  | 0.375 | 8.20  | 9.53  |
| F   | 0.063  | 0.125 | 1.60  | 3.18  |
| G   | 3.563  | 3.688 | 90.50 | 93.68 |

NOTES:

1. Dimensions are in inches.

FIGURE 1. Configuration and dimensions.

4. REGULATORY REQUIREMENTS. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with 23.403 of the [Federal Acquisition Regulation \(FAR\)](#).

5. PRODUCT CONFORMANCE PROVISIONS

5.1 Product conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

6. PACKAGING. Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES.

7.1 PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See [section 2](#) for PIN format example.

7.2 Environmentally preferable materials. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmental Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <http://www.epa.gov/osw/hazard/watemin/priority.htm>. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see [Section 3](#)).

7.3 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these batteries to DLA Land and Maritime under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

7.4 Source of documents.

Federal Regulations

FEDERAL REGULATIONS

[FAR - Federal Acquisition Regulations \(FAR\)](#).

(Copies of this document are available online at <https://www.acquisition.gov/comp/far/index.html> or from the U.S. Government Printing Office, 732 N. Capital Street, NW, Washington D.C. 20401-0001.)

Other publications.

Non Government Publication

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

[ANSI C18.1M PART 1](#) - Portable Primary Cells and Batteries with Aqueous Electrolyte - Safety Standard.

(Copies of this document are available online at <http://www.ansi.org/> or from the American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036-3804.)

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

7.5 Ordering data. The contract or order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Product conformance provisions.
- c. Packaging requirements.

7.6 Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

| <u>MFR's CAGE</u> | <u>MFR's name and address</u>   |
|-------------------|---|
| 5VRN0             | BattSCO LLC<br>21 Newton Road<br>Plainview, NY 11803-4301<br>Phone number (516) 586-6544<br>Facsimile number (516) 586-6546<br>E-mail: <a href="mailto:larry@battSCO.com">mailto:larry@battSCO.com</a><br>Uniform Resource Locator (URL): <a href="http://www.battSCO.com/">http://www.battSCO.com/</a> |

7.7 Part number (P/N) supersession data. This CID PINs supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the government inventory system.

TABLE IV. P/N supersession data.

|                 |                     |
|-----------------|---------------------|
| CID dash number | MFR's CAGE<br>5VRN0 |
|                 | MFR's P/N <u>1/</u> |
| AA59265BA56     | BA-2                |

1/ The manufacturer's P/N shall not be used for acquisition to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements see [3.7](#).

7.8 Government users. To acquire information on obtaining these batteries from the Government inventory system, contact DLA Land and Maritime, ATTN: DLA Land and Maritime-FLC, Post Office Box 3990, Columbus, OH 43218-3990, or telephone (614) 692-0658.

7.8.1 National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID. The list is for information only and may not be indicative of all possible NSN's associated with the CID. For up to date information on assigned NSN's, please contact the aforementioned DLA Land and Maritime office (See 7.8).

TABLE V. NSN's.

| Dash number<br>(see table I) | NSN              |
|------------------------------|------------------|
| AA59265BA56                  | 6135-00-120-1003 |

7.9 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

MILITARY INTERESTS:

Custodians:  
Navy - SH  
DLA - CC

Review activities:

Navy - MC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:

DLA-CC

Project 6135-2012-004

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.