

[INCH-POUND]
A-A-59263
18 November 1999
SUPERSEDING
MIL-B-18/26D
21 May 1985

COMMERCIAL ITEM DESCRIPTION

BATTERY, DRY, BA-53

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-B-18/26D for all federal agencies.

1. **SCOPE.** This commercial item description (CID) establishes the government acquisition requirements for a +22.5/45 Vdc dry-cell battery. The battery is intended for use in test equipment, radio sets, and other portable electronic and communication equipment powered by non-rechargeable dry cell batteries.
2. **SALIENT CHARACTERISTICS.** The battery shall meet the requirements of American National Standards Institute (ANSI) C18.1M-1992, "Dry Cells and Batteries - Specifications" and "Specification Sheet 20-0571-1988".
 - 2.1 **Voltage.** The battery shall provide two nominal voltages of +22.5 Vdc and +45 Vdc.
 - 2.2 **Weight.** The battery weight shall not exceed 1 pound 10 ounces.
 - 2.3 **Terminal type.** The terminals shall be a stud and nut type consisting of a threaded stud and an insulated knurled nut with a brass insert.
 - 2.4 **Cell type.** Cells shall meet the requirements of ANSI Specification Sheet 20-0571-1988.
 - 2.5 **Dimensions.** The battery shall meet the dimensional requirements shown in figure 1.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent to: Defense Supply Center Richmond (DSCR), ATTN: DSCR-VBD, 8000 Jefferson Davis Highway, Richmond, VA 23297-5610.
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AMSC N/A

FSC 6135

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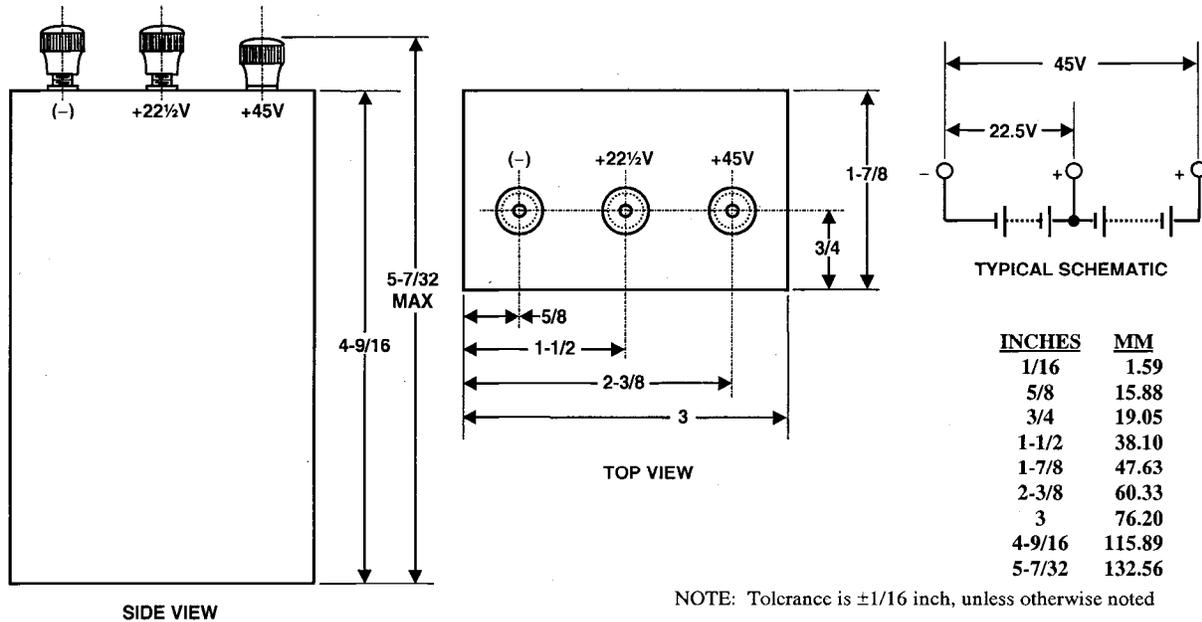


FIGURE 1. Battery dimensions.

3. REGULATORY REQUIREMENTS

3.1 Recovered materials. Offerors/contractors are encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

3.2 Environmental protection. All battery products and production methods shall meet all applicable Environmental Protection Agency restrictions in effect on the date of the associated contract. These regulations specify material emissions which are hazardous to the environment or to the user's health and shall be applied during the manufacturing, service, transportation, storage, and use of the battery supplied.

4. QUALITY ASSURANCE PROVISIONS

4.1 Product conformance. The batteries provided shall meet the salient characteristics of this commercial item description; 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.

4.2 Market acceptability criteria. The item offered must have been previously sold on the commercial market.

5. PACKAGING

5.1 Preservation, packing, and marking. For acquisition purposes, the battery shall be preserved, packed, and marked as specified in the contract or order.

6. NOTES

6.1 Sources of documents.

6.1.1 ANSI Standards. Copies of ANSI Standards may be obtained from the American National Standards Institute, 11 West 42nd Street, New York, NY 10036-8002.

6.1.2 FAR. The FAR may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402-0001.

6.2 National stock number (NSN). This CID is associated with NSN 6135-00-120-1004. Other NSNs may also apply to the battery specified in this CID.

6.3 Sources of supply. The manufacturers and/or suppliers listed below are known to supply products which meet the salient characteristics requirements of this CID. Competition is not limited to the listed firms.

CF Burgess Laboratory
1315 North Bolton Road
Freeport, IL 61032
(815) 235-8000
Part Number: Z30NX

Bren-Tronics Inc.
10 Brayton Court
Commack, NY 11725
(516) 499-5155

MILITARY INTERESTS:

Custodians:

Air Force - 99
Army - CR
Navy - SH

Reviewers:

Navy - MC

CIVIL AGENCY
COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA - GS

(Project 6135-0394)