

INCH-POUND

MIL-B-18/6E
w/AMENDMENT 1
5 February 2021
SUPERSEDING
MIL-B-18/6E
1 March 2011

MILITARY SPECIFICATION SHEET

BATTERY, DRY, BA-26

INACTIVE FOR NEW DESIGN AFTER 6 JULY 1998

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification sheet and MIL-B-18.

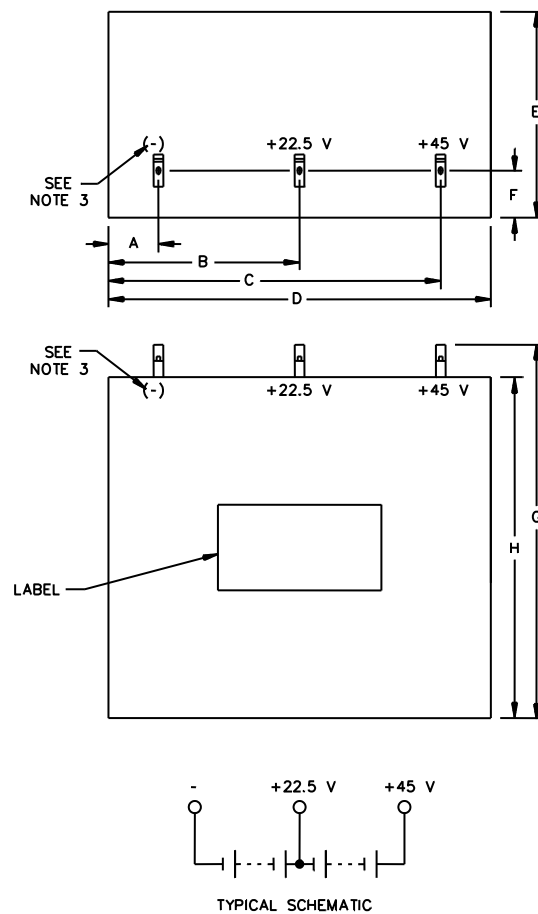


FIGURE 1. Interface and physical dimensions.



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Ltr	Inches		mm	
	Min	Max	Min	Max
A	.938	1.188	23.80	30.18
B	3.938	4.188	100.03	106.38
C	6.938	7.188	176.23	182.58
D	8.000	8.250	203.20	209.55
E	4.250	4.500	107.95	114.30
F	.875	1.125	22.23	28.58
G	---	7.938	---	201.63
H	7.125	7.375	180.98	187.33

NOTES:

1. All dimensions shown on figure 1 are in inches.
2. Metric equivalents specified in the table are for general information only.
3. Voltage and polarity markings may be placed either on the top or front face of the battery
4. Unless otherwise specified, tolerance is $\pm .125$ inch.

FIGURE 1. Interface and physical dimensions - Continued.

REQUIREMENTS:

Interface and physical dimensions: See figure 1.

Nominal voltage: 45 volts.

Tapped at: 22.5 volts.

Usual number and type of cells: 30 "F" cells.

Usual cell connection: Series.

Terminals: Spring clip.

Weight (maximum): 13 pounds, 12 ounces.

Capacity tests: When the battery is tested in accordance with the methods of examination and test of this specification, the minimum capacity-test requirements shall be not less than the minimum time specified for SLD or SLT.

First article inspection:

Visual and mechanical (external).

Battery voltage.

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Vibration test.

| Mechanical-shock test in accordance with MIL-STD-202-213, test condition I.

| Insulation resistance test in accordance with MIL-STD-202-302, test condition letter B, tolerance ± 20 volts.

Capacity, D (without storage).

Jacket integrity test.

Conformance inspection.

Visual and mechanical (external)

Battery voltage.

| Insulation-resistance test in accordance with MIL-STD-202-302, test condition letter B, tolerance ± 20 volts.

Vibration test.

| Mechanical-shock test in accordance with MIL-STD-202-213, test condition I.

Jacket integrity test.

Electrode leakage.

Capacity, D and T.

Methods of examination and test:

Capacity tests: See requirements for capacity specified herein.

Storage:	<u>Test</u>	<u>Period</u>
	D	12 months
	T	90 days

Discharge: The battery shall be discharged through 2,000 ohms continuously to a test-end voltage of 34.0 volts.

Closed circuit voltage: Use TS-183()/U test per special marking or, with minimum permissible voltage as specified for TS-183 ()/U, use a load resistant value of 1,923 ohms.

Special marking on each unit package:

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TO TEST THIS BATTERY WITH TS-183 ()/U:	
USE JACK NO	MINIMUM PERMISSIBLE VOLTAGE
16	42.0

Unless expressly authorized, this test information shall apply to Army and Air Force applications only.

Part or Identifying Number (PIN): BA-26, see 1.2 of MIL-B-18.

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents. In addition to MIL-B-18, this document references the following:

MIL-STD-202-213

MIL-STD-202-302

Custodians:
Army - CR
Navy - SH
DLA - CC

Preparing activity:
DLA - CC

(Project 6135-2020-001)

Review activities:
Army - MI
Navy - MC

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/>.