

REF SUP CLASS  
6140ELECTRICAL & PHYSICAL REQUIREMENTS

Class	Sealed Cell
Voltages	
Nominal	1.20 volts
Final (Unless otherwise specified)	1.00 volt
Rated Capacity ( $C_5$ )	5.50 A.H. (amp hr)
Charge Rate ( $0.2C_5$ )	1.10 amps
Discharge Rates	
$0.2C_5$	1.10 amps
$3C_5$	16.5 amps
Terminals	Button Type
Max. Weight	9.5 oz.
Container	Nickel-Cadmium Cold Rolled Steel, or equivalent
Number & Type of Cells	1 "F" Cell

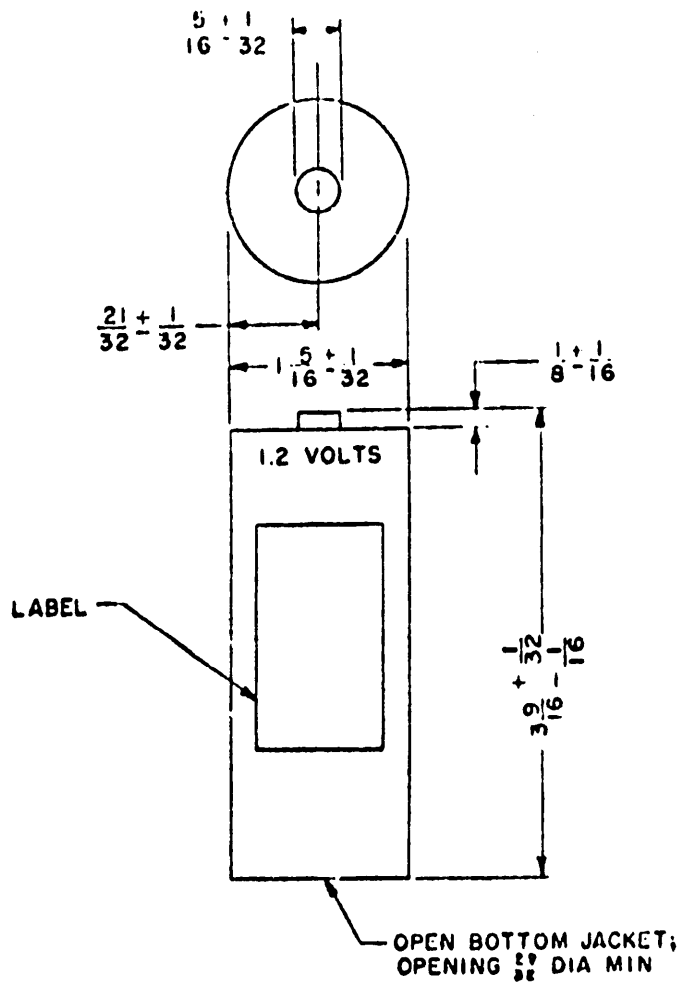
PRODUCTION SAMPLING TESTS

<u>Tests</u>	<u>Test Para.</u>	<u>Min. Test Value</u>
Initial Full Capacity Discharge	4. 9.1.1	5.50 A. H.
Full Capacity Discharge	4. 9.1	5.50 A. H.
Low Temp. Discharge	4. 9.2	
Test I	4. 9.2.1	4.95 A. H.
Test II	4. 9.2.2	2.75 A. H.
High Rate Discharge	4. 9.4	
5-second voltage		1.15 volts
Minutes to 1.0 volt		15 minutes
* Intermittent Discharge	4. 9.3	1300 minutes
Overcharge Test	4. 14'	5.50 A. H.
Cycle Life Test-Test I	4. 12.1	400 cycles
* Discharge through 5 ohms for 4 hours per day- Battery on open circuit for 20 hours, 5 days per week to a cut-off voltage of 0.93 volt.		
Retention of charge		
Test I	4.15.1	4.10 A. H.
Test II	4.15.2	1.90 A. H.

APPROVED 19 May 1961 REVISED

This standard has been approved by the Signal Corps.  
Changes of the type and is mandatory for use by  
all units. All personnel activities are required  
to comply with this standard when applicable.

P.A. Sig C	TITLE	MILITARY STANDARD
Other Code	Battery, Storage BB-411( )/U	MS 75030 (SigC)
Predecessor Identification MIL-B-55130(SigC)	SUPERSEDED	SHEET 2 OF

FED SUP CLASS  
6140

## NOTES:

1. ALL DIMENSIONS IN INCHES
2. For design feature purposes, this Standard takes precedence over procurement documents referenced herein.
3. Referenced documents shall be of the issue in effect on date of invitations for bids.

P.A. Sig C

Other Cust

TITLE

BATTERY, STORAGE BB-411( )/U

MILITARY STANDARD

MS 75030 (SigC)

Procurement Identification  
MIL-11-55130(SigC)

SUPERSEDED

SHEET 1 OF 2

DD FORM 672 (Limited coordination) PREVIOUS EDITIONS OBSOLETE.

This document has been approved by the Signal Corps  
Department of the Army. It is mandatory for use by  
all Army units. It is not to be used by other  
branches of the service. It is not to be used by  
other than the Army.