

FED. SUP. CLASS
6140

ELECTRICAL AND PHYSICAL REQUIREMENTS

Class	Sealed Cell
Voltages	
Nominal	1.2 volts
Final (Unless otherwise specified)	1.0 volt
Rated Capacity (C ₅)	1.75 A.H.
Charge Rate (0.2C ₅)	0.35 Amps
Discharge Rates	
0.2C ₅	0.35 Amps
3C ₅	5.25 Amps
Terminals	Button Type
Max. Weight	3.1 oz.
Container	Nickel-Cadmium Cold Rolled Steel, or equal
Number & Type of Cells	1 "C" Cell

PRODUCTION SAMPLING TESTS

Tests	Test Para.	Min. Test Value
Initial Full Capacity Discharge	4.9 .1.1	1.75 A.H.
Full Capacity Discharge	4.9 .1	1.75 A.H.
Low Temp. Discharge	4.9 .2	
Test I	4.9 .2.1	1.58 A.H.
Test II	4.9 .2.2	0.88 A.H.
High Rate Discharge	4.9 .4	
5-second voltage		1.15 volt
Minutes to 1.0 volt		15 Minutes
* Intermittent Discharge	4.9 .3	600 Minutes
Overcharge Test	4.14	1.75 A.H.
Cycle Life Test- Test I	4.12.1	400 Cycles
* Discharge through 7.50 ohms for 4 minutes each hour, 10 hours per day, 5 days per week, to a cut-off of 0.93 volt.		
Retention of Charge		
Test I	4.16.1	1.30 A. H.
Test II	4.16.2	0.61 A. H.

APPROVED 19 May 1961 REVISED

P.A. SigC	TITLE	MILITARY STANDARD
Other Cost	Battery, Storage, BB-410()/C	MS 75032 (SigC)
Procurement Specification MIL-P-55130(SigC)	SUPERSEDED	SHEET 2 OF

DD FORM 672 (limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

NOTE: When Government drawings, specifications, or other data are used in connection with this document, the use of such data does not constitute an endorsement or approval by the Government of the quality or value thereof, nor does it constitute an endorsement or approval of the views or opinions expressed hereon, nor does it constitute a warranty or representation of the quality or value thereof.

This document has been approved by the Signal Corps and is mandatory for use by all activities. All activities are required to comply with this document.