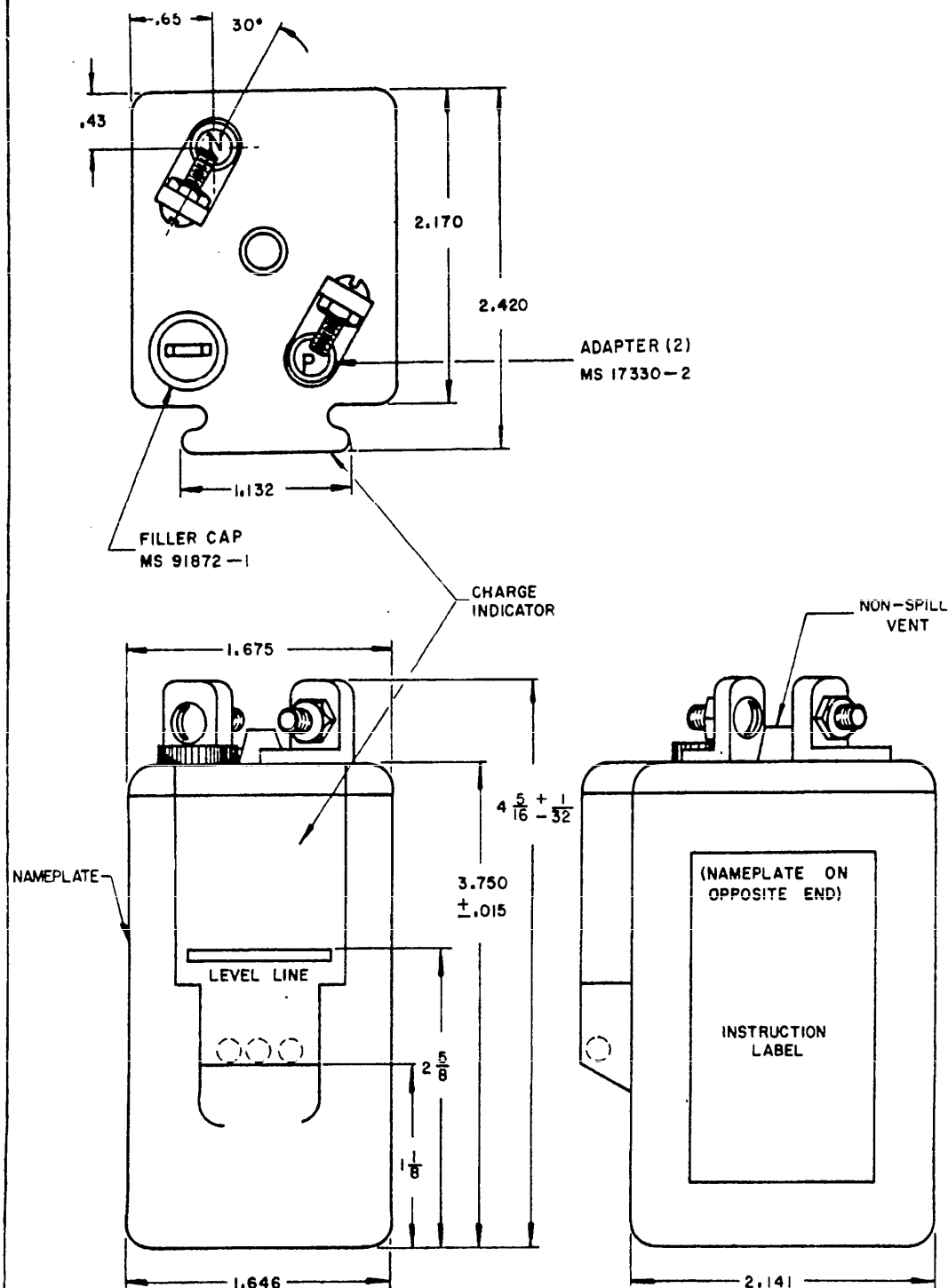


FED. SUP CLASS
6140

REVIEWERS: ARMY-EL; NAVY-DOCKS; AF-ROAMA
USERS: ARMY-GL; NAVY-MC, SHIPS, WEPS



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This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. MO (ATAC)

Other Cust
NAVY-Docks
AF-ROAMA

PROCUREMENT SPECIFICATION
MIL-B-11188

TITLE

BATTERY, STORAGE, LEAD-ACID
PORTABLE, BB 238/U

SUPERSEDES

MILITARY STANDARD

MS 91320

SHEET 1 OF 2

APPROVED 18 JULY 1956 REVISED © 11 JUNE 1964

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PHYSICAL AND ELECTRICAL REQUIREMENTS		
MS PART NUMBER	MS 91320-238	
CLASS	ER	
WEIGHT (FILLED)	1.25	POUNDS MAXIMUM
NOMINAL VOLTAGE	2	VOLTS
FINAL VOLTAGE AT 20-HOUR RATE	1.75	VOLTS
RATED CAPACITY AT 20-HOUR RATE	6.5	AMPERE-HOURS
DISCHARGE AT 20-HOUR RATE	0.325	AMPERES
CHARGING RATE	0.65	AMPERES

PERFORMANCE AND QUALITY CONFORMANCE INSPECTIONS	
TEST	MINIMUM VALUE
FILLED DISCHARGE AT 80°F	4.88 AMPERE-HOURS
FULL CHARGE CAPACITY AT 80°F	6.5 AMPERE-HOURS
LOW TEMP PERFORMANCE AT MINUS 40°F	1.95 AMPERE-HOURS
LIFE CYCLE CAPACITY TEST II	200 CYCLES
RETENTION OF CHARGE	4.55 AMPERE-HOURS

NOTES:

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE $\pm 1/16$ ON FRACTIONS, ± 0.010 ON DECIMALS, AND $\pm 1/20$ ON ANGLES.
2. PHENOLIC INSULATING WASHER, OPTIONAL.
3. THE MS PART NUMBER CONSISTS OF THE MS MILITARY STANDARD NUMBER FOLLOWED BY A DASH NUMBER. THE DASH NUMBER "238" IS DERIVED FROM ASSIGNED NOMENCLATURE.
4. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
5. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
6. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, OR REFERENCED DOCUMENTS.

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P.A. MO(ATAC)	TITLE BATTERY, STORAGE, LEAD-ACID PORTABLE, BB 238 / U	MILITARY STANDARD
Other Cust NAVY- Docks AF-ROAMA		MS 91320
PROCUREMENT SPECIFICATION MIL-8-11188	SUPERSEDES:	SHEET 2

APPROVED 18 JULY 1956 REVISED 11 JUNE 1964