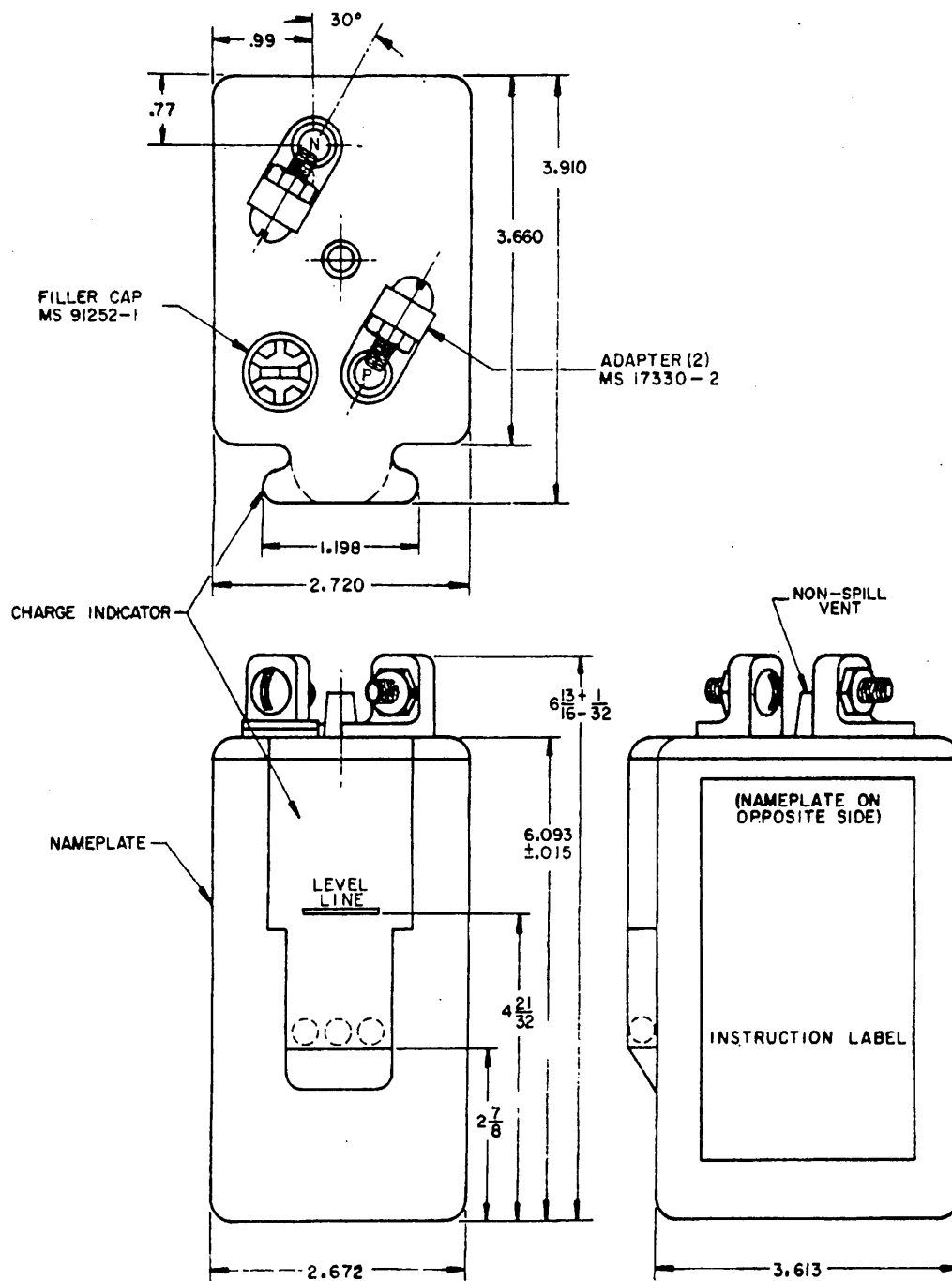


FED. SUP CLASS
6140

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



© ENTIRE STANDARD REVISED

P.A. MO (ATAC)

Other Cust
 Navy-Docks
 AF-ROAMA

PROCUREMENT SPECIFICATION
 MIL-B-11188

TITLE

BATTERY, STORAGE, LEAD-ACID,
 PORTABLE, BB-242/U

SUPERSEDES

MILITARY STANDARD

MS 91324

SHEET 1 OF 2

APPROVED 18 JULY 1956 REVISED © 11 JUNE 1964

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.

FED. SUP CLASS
6140

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

PHYSICAL AND ELECTRICAL REQUIREMENTS

MS PART NUMBER	MS 91324-242
CLASS	ER
WEIGHT (FILLED)	5.05 POUNDS, MAXIMUM
NOMINAL VOLTAGE	2 VOLTS
FINAL VOLTAGE AT 20-HOUR RATE	1.75 VOLTS
RATED CAPACITY AT 20-HOUR RATE	35 AMPERE-HOURS
DISCHARGE AT 20-HOUR RATE	1.75 AMPERES
CHARGING RATE	3.5 AMPERES

QUALIFICATION AND QUALITY CONFORMANCE INSPECTIONS

TEST	MINIMUM VALUE
FILLED DISCHARGE AT 80° F	26.25 AMPERE-HOURS
FULL CHARGE CAPACITY AT 80° F	35 AMPERE-HOURS
LOW TEMP PERFORMANCE AT MINUS 40° F	10.5 AMPERE-HOURS
LIFE CYCLE CAPACITY TEST II	200 CYCLES
RETENTION OF CHARGE	24.5 AMPERE-HOURS

NOTES:

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE INCHES. TOLERANCES ARE $\pm 1/16$ ON FRACTIONS, ± 0.010 ON DECIMALS, AND $\pm 1 1/2^\circ$ 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 "242" 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.

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)	TITLE	MILITARY STANDARD
Other Cust	BATTERY, STORAGE, LEAD-ACID,	MS 91324
Navy-Docks	PORTABLE, BB-242/U	
AF-ROAMA		
PROCUREMENT SPECIFICATION MIL-B-11188	SUPERSEDES:	SHEET 2

APPROVED 18 JULY 1956 REVISED (C) 11 JUNE 1964