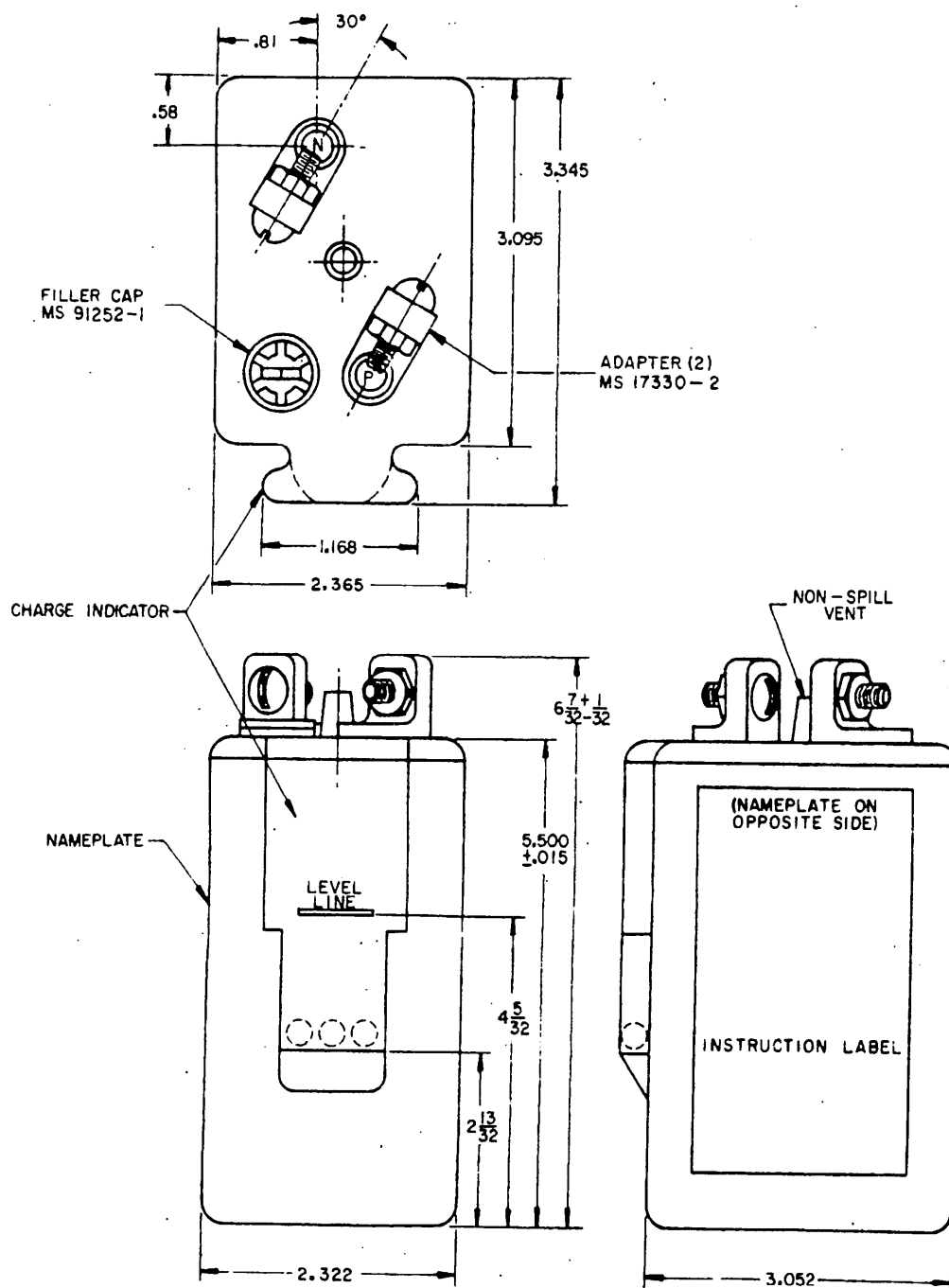


FED. SUP CLASS
6140

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-241/U

SUPERSEDES

MILITARY STANDARD

MS 91323

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.

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

FED. SUP CLASS
 6140

| PHYSICAL AND ELECTRICAL REQUIREMENTS | |
|--------------------------------------|---------------------|
| MS PART NUMBER | MS 91323-241 |
| CLASS | ER |
| WEIGHT (FILLED) | 3.4 POUNDS, MAXIMUM |
| NOMINAL VOLTAGE | 2 VOLTS |
| FINAL VOLTAGE AT 20-HOUR RATE | 1.75 VOLTS |
| RATED CAPACITY AT 20-HOUR RATE | 23 AMPERE-HOURS |
| DISCHARGE AT 20-HOUR RATE | 1.15 AMPERES |
| CHARGING RATE | 2.3 AMPERES |

| QUALIFICATION AND QUALITY CONFORMANCE INSPECTIONS | |
|---|--------------------|
| TEST | MINIMUM VALUE |
| FILLED DISCHARGE AT 80° F | 17.25 AMPERE-HOURS |
| FULL CHARGE CAPACITY AT 80° F | 23 AMPERE-HOURS |
| LOW TEMP PERFORMANCE AT MINUS 40° F | 6.9 AMPERE-HOURS |
| LIFE CYCLE CAPACITY TEST II | 200 CYCLES |
| RETENTION OF CHARGE | 16.1 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 "241" 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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APPROVED 18 JULY 1956 REVISED (C) 11 JUNE 1964

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|--|--|-------------------|
| P.A. MO (ATAC) | TITLE | MILITARY STANDARD |
| Other Cust | BATTERY, STORAGE, LEAD-ACID, PORTABLE, BB-241/U | MS 91323 |
| Navv-Docks | | |
| AF-ROAMA | SUPERSEDES: | SHEET 2 |
| PROCUREMENT SPECIFICATION MIL-B-11188 | | |