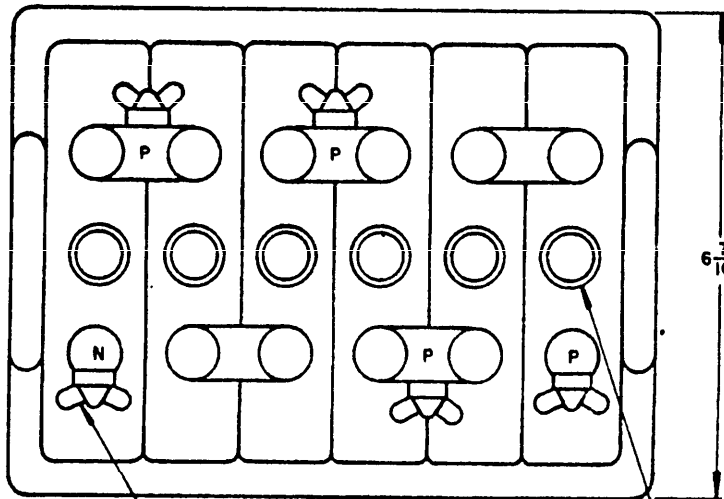


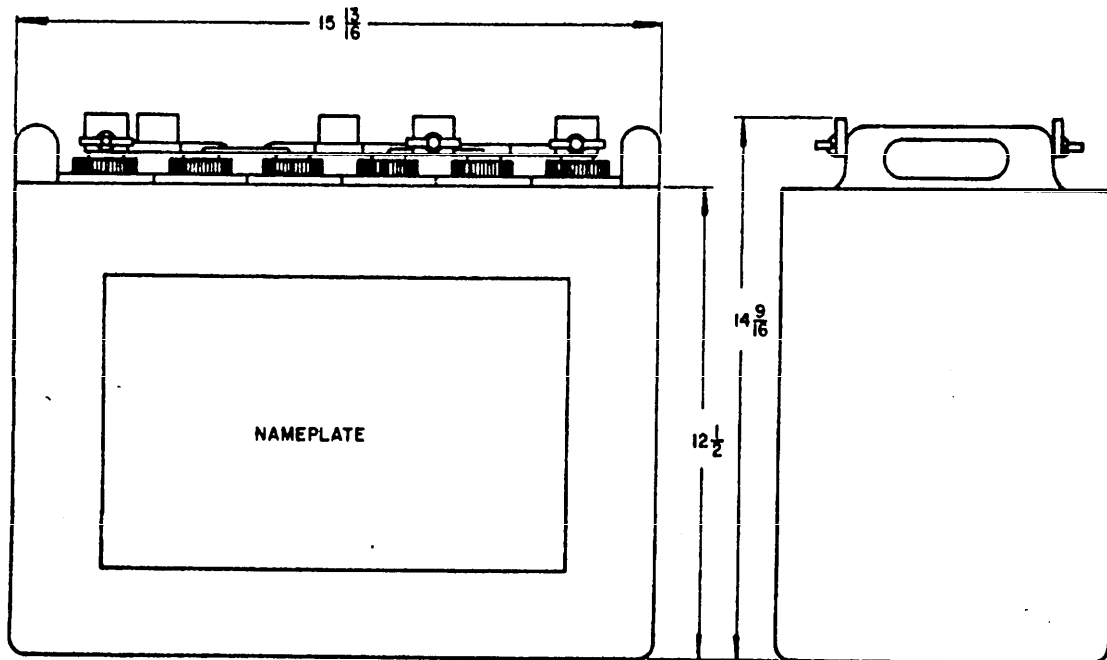
FED. SUP CLASS
6140

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



SEE NOTE 2

NONSPASH VENT-FILLER PLUG



(A) ENTIRE STANDARD REVISED

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

TITLE

BATTERY, STORAGE, LEAD-ACID
 PORTABLE, BB-46

PROCUREMENT SPECIFICATION
 MIL-8-11188

SUPERSEDES:

MILITARY STANDARD

MS 91310

SHEET 1. OF 2

APPROVED 18 JULY 1956 REVISED (A) 11 JUNE 1964

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 91310-46
CLASS	FE
WEIGHT (FILLED)	125 POUNDS MAXIMUM
NOMINAL VOLTAGE	12 VOLTS
FINAL VOLTAGE AT 20-HOUR RATE	10.5 VOLTS
RATED CAPACITY AT 20-HOUR RATE	90 AMPERE-HOURS
DISCHARGE AT 20-HOUR RATE	4.5 AMPERES
CHARGING RATE	6 AMPERES

QUALIFICATION AND QUALITY CONFORMANCE INSPECTIONS	
TEST	MINIMUM VALUE
FILLED DISCHARGE AT 80°F	67.5 AMPERE-HOURS
FULL CHARGE CAPACITY AT 80°F	90 AMPERE-HOURS
LOW TEMP PERFORMANCE AT MINUS 40°F	22.5 AMPERE-HOURS
LIFE CYCLE CAPACITY TEST I	800 CYCLES
RETENTION OF CHARGE	63 AMPERE-HOURS

NOTES:

1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE $\pm 1/16$.

2. STUD AND WING-NUT TERMINALS:

STUD:

OVERALL LENGTH ----- 1-1/16
 THREADED LENGTH ----- 23/32
 SQUARE HEAD ----- 35/64x35/64x11/32
 THREAD ----- 1/4-20 UNC-2A

WING NUT:

OVERALL LENGTH ----- 1-1/8
 WING LENGTH ----- 5/8
 THREADED HOLE ----- 1/4-20 UNC-2B

MATERIAL ----- LEAD-PLATED BRASS

- THE MS PART NUMBER CONSISTS OF THE MS MILITARY STANDARD NUMBER FOLLOWED BY A DASH NUMBER. THE DASH NUMBER "46" IS DERIVED FROM ASSIGNED NOMENCLATURE.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- 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) Other Cust NAVY- AF-ROAMA	TITLE BATTERY, STORAGE, LEAD-ACID PORTABLE, BB-46	MILITARY STANDARD
		MS 91310
PROCUREMENT SPECIFICATION MIL-B-11188	SUPERSEDES	SHEET 2.

DD FORM 672-1

APPROVED 18 JULY 1956 REVISED (A) 11 JUNE 1964