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This military standard is approved by the Department of the Navy and shall be used by that activity. All other military activities are required to employ this standard where suitable.

# PHYSICAL CHARACTERISTICS

DASH NUMBER	FIGURE	NOMINAL VOLTAGE	NUMBER OF CELLS	NUMBER OF PLATES	AMP. HR. CAPACITY 6 HOUR RATE	MAXIMUM BATTERY DIMENSIONS IN INCHES (CENTIMETERS)			WEIGHT FILLED MAXIMUM LBS (KG)
						LENGTH (X)	WIDTH (Y)	HEIGHT (Z)	
-1	1	36	18	13	510	31 1/8 (79)	19 1/4 (48.9)	22 3/4* (57.8)	1764 (801)
-2	1	36	18	17	680	38 5/8 (98.1)	20 3/8 (51.7)	22 3/4* (57.8)	2313 (1051)
-3	1	36	18	21	850	38 3/4 (98.4)	25 (63.5)	22 3/4* (57.8)	2791 (1268)
-4	2	24	12	11	800	35 7/8 (91.1)	13 3/4 (34.9)	31 (78.7)	1858 (844)
-5	2	24	12	13	870	35 1/2 (90.1)	15 3/4 (40.0)	31 (78.7)	2180 (990)

\* WITHOUT COVER, ADD 1-1/2 INCHES (9.6 CENTIMETERS) FOR COVER

FED. SUP CLASS  
6140

P.A.  
NAVY - SA  
ARMY - ER  
AIR FORCE - 99

INTERNATIONAL INTEREST

TITLE  
BATTERY, STORAGE, LEAD ACID,  
FOR ELECTRIC POWERED INDUSTRIAL  
TRUCKS AND TRACTORS

MILITARY STANDARD

MS 15367

PROCUREMENT SPECIFICATION  
W-B-133

SUPERSEDES:  
REVISION (B) DATED 29 JUNE 1964

SHEET 1 OF 6

This military standard is approved by the Department of the Army and shall be used by that activity. All other military activities are required to employ this standard where suitable.

# PHYSICAL CHARACTERISTICS

DASH NUMBER	FIGURE	NOMINAL VOLTAGE	NUMBER OF CELLS	NUMBER OF PLATES	AMP. HR. CAPACITY 6 HOUR RATE	MAXIMUM BATTERY DIMENSIONS IN INCHES (CENTIMETERS)			WEIGHT FILLED MAXIMUM LBS (KG)
						LENGTH (X)	WIDTH (Y)	HEIGHT (Z)	
-6	2	24	12	19	765	26 1/8 (66.3)	22 5/8 (57.5)	22 3/4* (57.7)	1714 (779)
-7	3	12	6	13	510	31 (78.7)	6 5/8 (16.8)	23 1/4 (59)	582 (264)
-8	3	12	6	19	765	22 1/2 (57.1)	13 1/8 (33.3)	23 1/4 (59)	858 (390)
-9	3	12	6	23	935	27 1/8 (68.9)	13 1/8 (33.3)	23 1/4 (59)	1026 (466)
-10	2	24	12	13	510	30 7/8 (78.4)	13 1/8 (33.3)	23 3/8 (59.3)	1026 (466)

\* WITHOUT COVER, ADD 1-1/2 INCHES (9.6 CENTIMETERS) FOR COVER

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SUPERSEDED  
REVISION (B) DATED 29 JUNE 1964

SHEET 2 OF 6

DD FORM 672-1 (LIMITED COORDINATION)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 10 JUNE 1953, REVISED (D) 28 JUNE 1991

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TITLE

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SUPERSEDES

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SHEET

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# MIE USER SELECTION GUIDE

## WAREHOUSE TRACTORS

## FORK TRUCKS

## REACH TRUCKS

## PALLET TRUCKS

## PLATFORM TRUCKS

## ORDER PICKERS

DASH	2K	4K	6K	8K	10K	2K	4K	3K	3K	4K	4K	6K	12K	2K	2.5K	3.0K
NUMBER	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.	LBS.	LB.	LB.	LB.	LB.	LBS.	LBS.	LBS.	LBS.	LBS.
	908	1816	2724	3632	4540	908	1816	1362	1362	1816	1816	2724	5448	908	1135	1362
	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)	(KG)
	CAP.	CAP.	CAP.	CAP.	CAP.	CAP.	CAP.	12-	24	CAP.	CAP.	CAP.	CAP.	CAP.	CAP.	CAP.
								VOLT	VOLT							
-1	X				X											
-2		X				X										
-3		X	X	X			X								X	X
-4								X							X	X
-5									X							
-6		X												X		
-7											X					
-8								X				X				
-9												X	X			
-10														X		

FED. SUP CLASS  
6140

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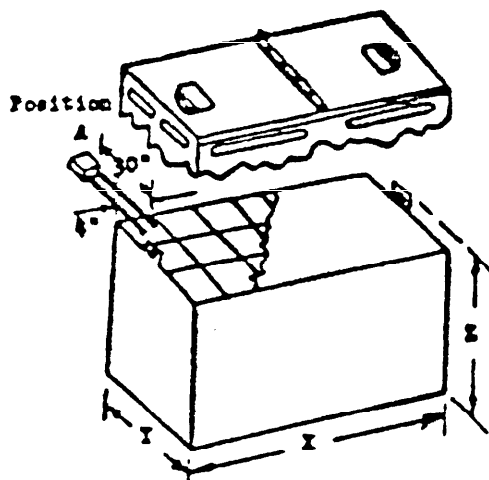
FED. SUP CLASS  
6140

Figure 1. 36 Volt Group

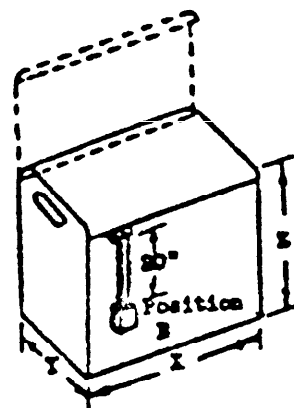


Figure 2. 24 Volt Group

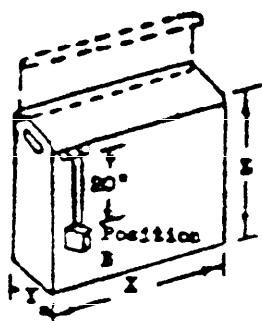


Figure 3. 12 Volt Group

INCHES	CM
4	10.1
20	50.8
30	76.2

NOTE: Position A or position B are acceptable for battery cables.

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P. A. NAVY - SA ARMY - ER AIR FORCE	INTERNATIONAL INTEREST - 99	TITLE BATTERY, STORAGE, LEAD ACID, FOR ELECTRIC POWERED INDUSTRIAL TRUCKS AND TRACTORS	MILITARY STANDARD	
			MS	15367
PROCUREMENT SPECIFICATION W-B-133		SUPERSEDED REVISION (C) DATED 30 AUGUST 1985		SHEET 4 OF 6

FED. SUP. CLASS  
6140

## NOTES:

1. Cell arrangement and intercell connections shall be manufacturer's standard consistent with dimensions shown on Sheet 1 and 2 of this standard.
2. Materials- All materials of the battery shall be in accordance with Federal Specification W-B-133.
3. Unless otherwise specified, 36 volt batteries shall be furnished with covers. Covers, when required, shall be designed to permit each half to be fully opened onto the other half.
4. Unless otherwise specified, 12 volt and 24 volt batteries shall be furnished with covers. Covers shall be flush with battery box when opened 90°.
5. Unless otherwise indicated, cable lead length shall be as shown on Figures 1 through 3.
6. Batteries in the 36 volt and 24 volt group shall be furnished with EC locking half connector. Unless otherwise specified, batteries in the 12 volt group shall be furnished with type YC charging connectors. Batteries which exceed the maximum length, width or height because of lifting ears, cover handle or cover latches will be acceptable, provided these parts do not interfere with the function of the drivers seat or the counterweight of the truck, and provided that no interference occurs during installation, removal or servicing of the battery.
7. Detailed battery dimensions are listed on Sheets 1 and 2 of this standard.
8. Position A cable lead lengths shall be 30 inches without cover and 18 inches with cover. Unless otherwise specified, position A signifies the inside lead be located within 4 inches of the outside edge of battery.
9. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
10. Referenced documents shall be of the issue in effect on date of invitations for bids, or request for proposal, except that referenced adopted industry documents shall give the date of the issue adopted.

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NAVY - SA Other Code ARMY - ER AIR FORCE - 99	INTERNATIONAL INTEREST	TITLE BATTERY, STORAGE, LEAD ACID, FOR ELECTRIC POWERED INDUSTRIAL TRUCKS AND TRACTORS	MILITARY STANDARD <b>MS</b> 15367
PROCUREMENT SPECIFICATION W-B-133	SUPERSEDES REVISION (C) DATED 30 AUGUST 1985		SHEET 5 OF 6

MS 15367

CUSTODIANS:

ARMY - ER  
NAVY - SA  
AIR FORCE - 99

REVIEW ACTIVITIES:

NAVY - YD  
AIR FORCE - 84  
ARMY - ME

USER ACTIVITIES:

DLA - GS

PREPARING ACTIVITY:

NAVY - SA

PROJECT NUMBER: 6140-0721