

USER SYMBOLS:

REVIEWER SYMBOLS:
DCSC-GS

"Review/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DODDSG."

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

MS PART NUMBER	DUTY	DISCHARGE RATE	NOMINAL CAPACITY, AMPERE-HOURS	NOMINAL SIZE, NUMBER	MAXIMUM WEIGHT, POUNDS	SUPERSEDES
MS18045-35	LIGHT		11	1	16	MS18046-24
-36	↑		27	2	30	MS18046-1, 6, MS25155-1
-37	↑		46	3	60	MS18045-2, 7, MS25157-1
-38	LIGHT		67	4	75	MS18045-3, 8, MS25158-1
-39	MEDIUM		1-1/2	10	17	MS18045-35
-40	↑		10	3	24	MS18045-11, MS25210-5
-41	↑		18	3	55	AN3151-1, -2, MS18045-13, MS25210-7, MS25211-1, -2
-42	MEDIUM		31	4	80	AN3150-1, -2, MS18045-15, MS25210-1, -2, -9
-43	HEAVY	LOW	4-1/2	10	17	MS18045-26
-44	↑		10	2	34	MS18045-10, MS25217-4
-45	↑		20	2	55	MS18045-20, MS25217-1, 3, 5
-46	↑		31	4	80	MS18045-23, MS25217-6, MS25218-1, 2
-47		HIGH	4	10	17	MS18045-27
-48	↑		9	2	34	MS18045-19
-49	↑		18	3	55	MS18045-21
-50	HEAVY	HIGH	27	4	80	MS18045-25
-54	MEDIUM		MS18046-30 WITHOUT COVER		16.00	
-56	↑		40		33.88	
-57	↑		41		53.71	
-58	MEDIUM		-42 WITHOUT COVER		78.66	
-59	LIGHT		11	5	16	
-60	↑		16	6	10	
-61	↑		27	7	30	
-62	LIGHT		46	8	50	
-63	↑		67	9	75	
-64	HEAVY	LOW	4-1/2	11	17	
-65	↑		7	12	26	
-66	↑		10	13	34	
-67	↑		14	14	48	
-68	↑		20	16	56	
-69		LOW	31	16	80	
-70		HIGH	4	11	17	
-71	↑		6	12	26	
-72	↑		9	13	34	
-73	↑		13	14	48	
-74	↑		18	16	56	
-75	HEAVY	HIGH	27	16	80	

NOTES

- INACTIVE PART NUMBERS. PART NUMBERS MS18045-35 THROUGH -58 ARE INACTIVE FOR DESIGN. NO NEW AIRCRAFT SHALL BE DESIGNED TO USE ANY OF THESE BATTERIES, NOR SHALL ANY EXISTING AIRCRAFT BE MODIFIED TO USE ANY OF THEM, EXCEPT THAT AN AIRCRAFT WHICH USES AN ACID BATTERY MAY BE MODIFIED TO USE AN ALKALINE BATTERY WHICH CONFORMS TO MS18093 FOR THE SAME NOMINAL SIZE AS DOES THE ACID BATTERY.
- QUALIFICATION. THIS REVISION DOES NOT AFFECT QUALIFICATION. ITEMS WHICH WERE QUALIFIED TO MS18045R REMAIN QUALIFIED TO MS18045S.
- DIMENSIONS. EACH BATTERY SHALL CONFORM TO MS18093 FOR THE NOMINAL SIZE LISTED ABOVE.
- CONNECTORS. INTERCELL AND CELL-TO-RECEPTACLE CONNECTORS OF MS18045-64 THROUGH -75 BATTERIES SHALL CONFORM TO MS3347.
- SPECIFICATION. THE BATTERIES SHALL CONFORM TO REQUIREMENTS OF MIL-B-8565 FOR GENERAL PURPOSE, MAINTAINABLE, VENTILATED, RECEPTACLE CONNECTED, CRADLE-MOUNTED BATTERIES.

(T)

SUPERSESSON DATA

PART NUMBER	SUPERSEDED BY
MS18045-44	MS1757/7-1 AND MS1757/7-2
MS18045-45	MS1757/8-1 AND MS1757/8-2
MS18045-46	MS1757/9-1 AND MS1757/9-2
MS18045-48	MS1757/7-1 AND MS1757/7-2
MS18045-49	MS1757/8-1 AND MS1757/8-2
MS18045-50	MS1757/9-1 AND MS1757/9-2

ALL OTHER PART NUMBERS ELIMINATED IN THIS ISSUE ARE CANCELLED WITH NO SUPERSEDING DOCUMENT.

**

CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT (ASCC AIP STD 12/15) WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OF VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(T) DENOTES CHANGES

P. A. NAVY - AS Other Code ARMY - ER	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
	**	BATTERIES, STORAGE, AIRCRAFT, 24-VOLT, GENERAL PURPOSE	MS18045
PROCUREMENT SPECIFICATION	SUPERSEDES AN3150, AN3151, MS25155, MS25187, AND MS25158 FOR MIL-B-8565		SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. PROJECT NO. 6140-0527

PLATE NO. 15329

APPROVED 14 MAY 83 REVISED 17 NOV 1970 10 MARCH 1980

FED. SUP CLASS
6140

USER SYMBOLS:

REVIEWER SYMBOLS:

DESC 105

"Review/revise" information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DDISS.

This is a mandatory standard for use by all Departments, Agencies of the Department of Defense. Selection for use is based on design specifications and for reference use shall be made from this document.

MS PART NUMBER	DUTY	DISCHARGE RATE	NOMINAL CAPACITY, AMPERE-HOURS	NOMINAL SIZE, NUMBER	MAXIMUM WEIGHT, POUNDS	SUPERSEDES
MS18045-35	LIGHT	-	11	1	16	MS18045-24
-36	↑	-	27	2	30	MS18045-1, 6, MS26155-1
-37	↑	-	46	3	50	MS18045-2, 7, MS25157-1
-38	LIGHT	-	67	4	75	MS18045-3, 8, MS25158-1
-39	MEDIUM	-	4-1-2	10	17	MS18045-25
-40	↑	-	10	2	34	MS18045-11, MS25210-5
-41	↑	-	18	3	55	AN3151-1, -2, MS18045-13, MS25210-7, MS25211-1, -2
-42	MEDIUM	-	31	4	80	AN3150-1, -2, MS18045-15, MS25210-1, -2, -9
-43	HEAVY	LOW	4-1-2	10	17	MS18045-26
-44	↑	↑	10	2	34	MS18045-10, MS26217-4
-45	↑	↑	20	3	55	MS18045-20, MS26217-1, 2, 5
-46	↑	LOW	31	4	80	MS18045-22, MS26217-6, MS26218-1, 2
-47	↑	HIGH	4	10	17	MS18045-27
-48	↑	↑	9	2	34	MS18045-19
-49	↑	↑	18	3	55	MS18045-21
-50	HEAVY	HIGH	27	4	80	MS18045-23
-55	MEDIUM	MS18045-30 WITHOUT COVER	-	-	16.00	-
-56	↑	↑	46	↑	32.88	-
-57	↑	↑	41	↑	62.71	-
-58	MEDIUM	42 WITHOUT COVER	-	-	79.66	-
-59	LIGHT	-	11	6	16	-
-60	↑	-	16	6	10	-
-61	↑	-	27	7	30	-
-62	↑	-	46	8	60	-
-63	LIGHT	-	67	9	75	-
-64	HEAVY	LOW	4-1-2	11	17	-
-65	↑	↑	7	12	26	-
-66	↑	↑	10	13	34	-
-67	↑	↑	14	14	48	-
-68	↑	↑	24	16	55	-
-69	↑	LOW	31	16	80	-
-70	↑	HIGH	4	17	17	-
-71	↑	↑	6	12	26	-
-72	↑	↑	9	12	34	-
-73	↑	↑	13	14	48	-
-74	↑	↑	18	16	55	-
-75	HEAVY	HIGH	27	18	80	-

NOTES:

- INACTIVE PART NUMBERS - PART NUMBERS MS18045-35 THROUGH MS18045-49 ARE INACTIVE FOR DESIGN. NO NEW AIRCRAFT SHALL BE DESIGNED TO USE ANY OF THESE BATTERIES. NOR SHALL ANY EXISTING AIRCRAFT BE MODIFIED TO USE ANY OF THEM. EXCEPT THAT AN AIRCRAFT WHICH USES AN ACID BATTERY MAY BE MODIFIED TO USE AN ALKALINE BATTERY WHICH CONFORMS TO MIL-STD-883C FOR THE SAME NOMINAL SIZE AS DOES THE ACID BATTERY.
- QUALIFICATION - THIS STANDARD DOES NOT AFFECT QUALIFICATION. ITEMS WHICH WERE QUALIFIED TO MS18045-49 REMAIN QUALIFIED TO MS18045.
- DIMENSIONS - ALKALINE BATTERIES SHALL CONFORM TO MIL-STD-883C FOR THE NOMINAL SIZE LISTED ABOVE.
- CONNECTIONS - INTERCELL AND INTERBATTERY CONNECTIONS OF MS18045-35 THROUGH MS18045-49 BATTERIES SHALL CONFORM TO MIL-STD-883C.
- APPLICATION - THE BATTERY IS AID SYSTEM TO EQUIPMENTS OF MILAIRCRAFT FOR GENERAL PURPOSE, MAINTAINABLE, MOUNTABLE, REMOVABLE CONNECTION, RACK MOUNTED BATTERIES.

SUPERSESION DATA

EAPC NUMBER	SUPERSEDED BY
MS18045-35	MS18045-35 AND MS1757-20
MS18045-36	MS18045-36 AND MS1757-20
MS18045-37	MS18045-37 AND MS1757-20
MS18045-38	MS18045-38 AND MS1757-20
MS18045-39	MS18045-39 AND MS1757-20
MS18045-40	MS18045-40 AND MS1757-20
MS18045-41	MS18045-41 AND MS1757-20
MS18045-42	MS18045-42 AND MS1757-20
MS18045-43	MS18045-43 AND MS1757-20
MS18045-44	MS18045-44 AND MS1757-20
MS18045-45	MS18045-45 AND MS1757-20
MS18045-46	MS18045-46 AND MS1757-20
MS18045-47	MS18045-47 AND MS1757-20
MS18045-48	MS18045-48 AND MS1757-20
MS18045-49	MS18045-49 AND MS1757-20

ALL OTHER EAPC NUMBERS ELIMINATED IN THIS CASE ARE CANCELLED WITH NO SUPERSEDING DOCUMENT.

CERTAIN PROVISIONS OF THIS STANDARD ARE THE EFFECT OF INTERNATIONAL STANDARDIZATION AGREEMENT (ASAC AIR STD 12.25). WHEN PROVISION OF CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OF VIOLATE THE INTERNATIONAL AGREEMENT CONCERNING THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICE, IS REQUIRED.

FOR DUSTY PLATING PURPOSES, THIS STANDARD USES POLYMERIZED COPPER PROCEDURE DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE TYPE IN WHICH ALL OF IMITATIONS FOR USE.

(T) DENOTES CHANGES

P.A. NAVY - AS Other Cust	INTERNATIONAL INTEREST ..	TITLE BATTERIES, STORAGE, AIRCRAFT, 24-VOLT, GENERAL PURPOSE	MILITARY STANDARD MS18045
ARMY - ER			
PROCUREMENT SPECIFICATION MIL-B-8565	SUPERSEDES AN3150, AN3151, MS25155, MS25157, AND MS25158 FOR ARMY AND NAVY USE; MS25210, MS25211, MS26217, AND MS25218		SHEET 1 OF 1

DD FORM 1 SEP 57 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE PROJECT NO. 6140-0527

PLATE NO. 15320

APPROVED 14 MAY 63 REVISED 14 MAY 63