

SUBSTITUTION OF VARIOUS GLASS JAR TYPE BATTERIES
FOR THE KXCS TYPE RUBBER JAR BATTERIES

1. GENERAL

1.01 This section covers the various arrangements of glass jar batteries in the wooden floater battery cabinets designed to house the KXCS type rubber jar battery. Some new connectors are required in connection with the transition from rubber to glass jar batteries which are indicated on the Tables and Figures herein.

1.02 Connectors: The rubber covered cable connectors are equipped with cast alloy terminals and shall be installed to re-place the present wiring as indicated on Figs. 2 to 11.

1.03 Wiring: Remove all wiring which is rendered unnecessary by the use of the new connectors.

1.04 Wiring Changes: Arrangements have been made to modify the wiring of stock cabinets at the supply house. Similar wiring modifications will have to be made in the field on existing installations as indicated on Figs. 2, 3, 4, 5, 6 & 7, when glass jar batteries are furnished.

FIG. 1A
BATTERY CABLE CONNECTOR

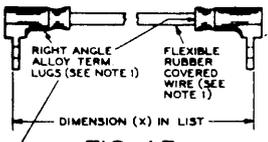


FIG. 1B
BATTERY CABLE CONNECTOR

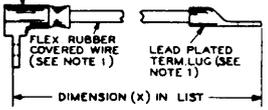


FIG. 2
20 VOLT CENTRALIZED POWER PLANT 50 OR 100 AH A8-A-80 BATTERY CABINET

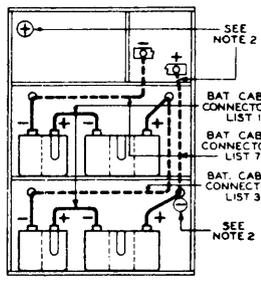


FIG. 3
18 VOLT CENTRALIZED POWER PLANT 50 OR 100AH A8-A-80 BATTERY CABINET

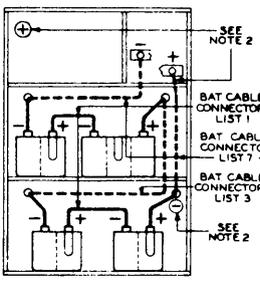


FIG. 4
16 VOLT CENTRALIZED POWER PLANT 50 OR 100AH A8-A-80 BATTERY CABINET

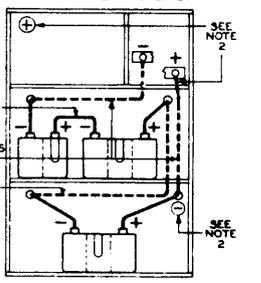


FIG. 5
20 VOLT INDIVIDUAL POWER PLANT 50 OR 100AH 64-B-37 BATTERY CABINET

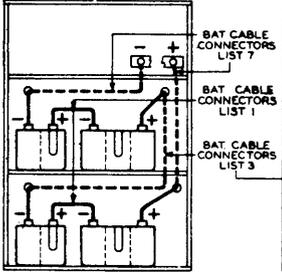


FIG. 6
18 VOLT INDIVIDUAL POWER PLANT 50 OR 100AH 64-B-37 BATTERY CABINET

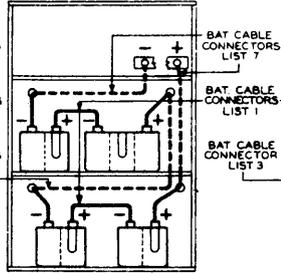


FIG. 7
16 VOLT INDIVIDUAL POWER PLANT 50 OR 100AH 64-B-37 BATTERY CABINET

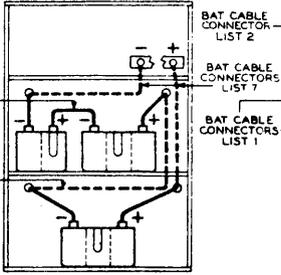


FIG. 8
16 VOLT INDIVIDUAL POWER PLANT 50AH 63-D-55 BATTERY CABINET

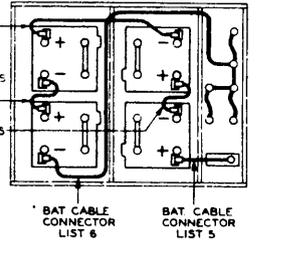


FIG. 9
16 VOLT INDIVIDUAL POWER PLANT 15 AH 63-D-55 BATTERY CABINET

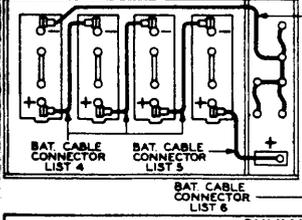


FIG. 10
20 VOLT CENTRALIZED POWER PLANT 50AH A2-D-297 BATTERY CABINET

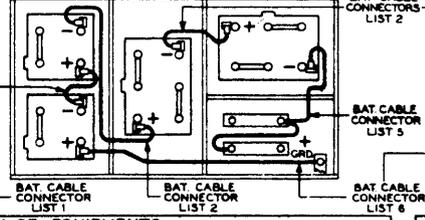
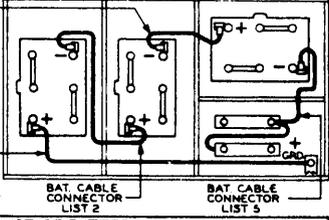


FIG. 11
18 VOLT CENTRALIZED POWER PLANT 50AH A2-D-297 BATTERY CABINET



SUMMARY OF EQUIPMENTS

CABINET	ARRANGEMENT OF CELLS	VOLTAGE OF PLANT	TYPE BATTERY			BAT.CABLE CONNECTORS	
			15 AH PLANT	50 AH PLANT	100 AH PLANT	LIST NO	NO REQ.
A8-A-80	FIG. 2	20 V		K3-5361 TWO LIST 140 TWO LIST 141	K3-5361 TWO LIST 150 TWO LIST 151	1	2
						3	1
A8-A-80	FIG. 3	18 V		K3-5361 THREE LIST 140 ONE LIST 141	K3-5361 THREE LIST 150 ONE LIST 151	1	2
						3	1
A8-A-80	FIG. 4	16 V		K3-5361 ONE LIST 140 TWO LIST 141	K3-5361 ONE LIST 150 TWO LIST 151	1	1
						3	2
64-B-37	FIG. 5	20 V		K3-5361 TWO LIST 140 TWO LIST 141	K3-5361 TWO LIST 150 TWO LIST 151	1	2
						3	2
64-B-37	FIG. 6	18 V		K3-5361 THREE LIST 140 ONE LIST 141	K3-5361 THREE LIST 150 ONE LIST 151	1	2
						3	2
64-B-37	FIG. 7	16 V		K3-5361 ONE LIST 140 TWO LIST 141	K3-5361 ONE LIST 150 TWO LIST 151	1	1
						3	2
63-D-55	FIG. 8	16 V		K3-5361 FOUR LIST 140		1	2
						3	2
63-D-55	FIG. 9	16 V	K3-5274 FOUR LIST 2			1	3
							3
A2-D-297	FIG. 10	20 V		K3-5361 TWO LIST 140 TWO LIST 141		1	2
						3	1
A2-D-297	FIG. 11	18 V		K3-5361 THREE LIST 141		1	1
						3	1

LIST OF BATTERY CABLE CONNECTORS

LIST NO	FIG NO	DIM (X)	GAUGE CABLE	E.S.B CO. PIECE PART
1	1A	10 INCH	NO 6	26438-8
2	1A	24 INCH	NO 6	26438-22
3	1A	30 INCH	NO 6	26438-58
4	1A	12 INCH	NO 14	20272
5	1B	21 INCH	NO 6	26509-19
6	1B	41 INCH	NO 6	26509-39
7	1B	52 INCH	NO 6	26509-50

- NOTES**
- TERMINAL LUGS AND FLEXIBLE RUBBER COVERED WIRE TO BE IN ACCORDANCE WITH ELECTRIC STORAGE BATTERY CO'S PIECE PART AS SPECIFIED IN LIST.
 - IF KICS BATTERIES WERE PREVIOUSLY USED REVERSE THE MAIN BATTERY LEAD TERMINATIONS TO ATTAIN POLARITY SHOWN IN FIGURES AND REMOVE THE ⊕ AND ⊖ DESIGNATIONS STENCILED ON THE INNER REAR WALL OF THE CABINET.