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(AW/157)

Chapter 6

BATTERY, 12-VOLT, 18 AMP. HR.

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LEADING PARTICULARS

Battery, 12-volt, 18 amp. hr.	Stores Ref. 5J/3060
Overall dimensions	5-375 in. × 11-375 in. × 7-813 in.
Weight (filled)	27 lb.

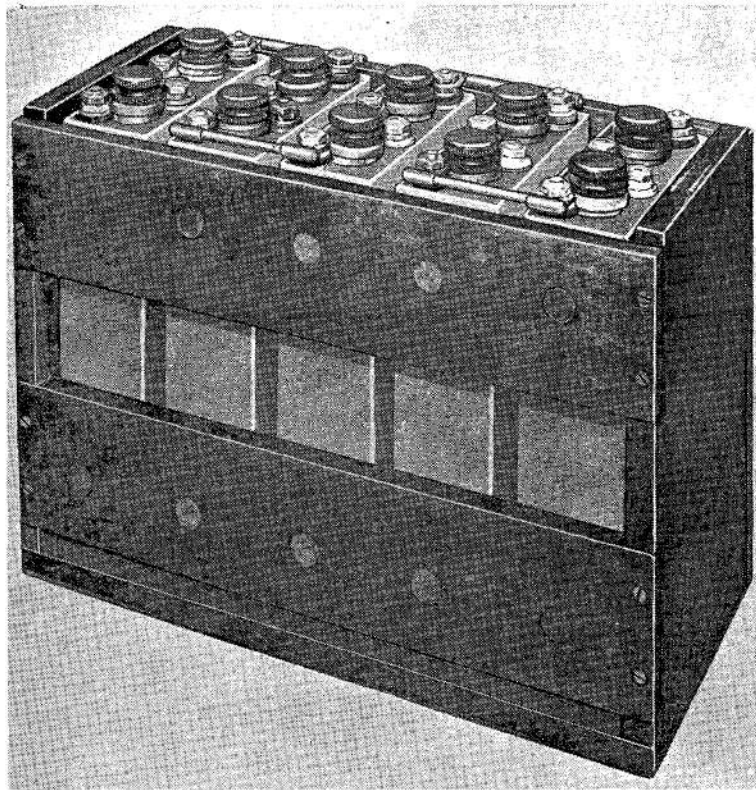


Fig. 1. Battery, 12-volt, 18 amp. hr.

Introduction

1. The battery, 12-volt, 18 amp. hr., is an alkaline battery of conventional construction, as described in A.P.4343, Vol. 1, Sect. 3, Chap. 3. It is a light-weight unspillable battery, designed for the use of airborne troops.

DESCRIPTION

2. This battery is illustrated in fig. 1. It consists of five welded pairs of cells, suitably spaced, connected in series and assembled in an impregnated wood carrying case. The polarity of the adjacent terminals is marked upon the ends of the case; the individual terminals of each pair of cells are plated steel $\frac{1}{8}$ in. B.S.F. half-nuts. Solid plastic stoppers

with rubber seating washers are fitted to the filling apertures.

SERVICING

3. General servicing instructions for this type of battery are given in A.P.4343, Vol. 1, Sect. 3, Chap. 3.

4. Charging should be carried out in accordance with the instruction label attached to the battery; the solid stoppers must be removed during charge, and should not be replaced until 24 hours after charging is complete. The stoppers should be firmly screwed in position before use, to ensure a leak-proof closure.

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