



“The Source for Power”



BA-8140/U SHORT BATTERY

EFB P/N 503001S

1. Adapter Description

- (1.1) The BA-8140/U Short Battery Pack is designed as a Zinc-Air primary (disposable) battery pack for several military tactical and communication devices. The battery consist of one 13.2V battery and an internal fan.
- (1.2) Typical Uses: MBITR (AN/PRC-148), Falcon III (AN/PRC-152), Additional 12VDC Applications

2. Compatible with the following batteries

- (2.1) Rechargeable Batteries: BB-390B/U, BB-2590/U
- (2.2) Primary Batteries: BA-5590/U, BA-5390/U

3. Discharge Current

- (3.1) Maximum Discharge Current: 2A

4. Battery Capacity - Tested at room teperature (23.4°C ± 2.3°C / 74°F ± 4°F)

- (4.1) 27 Ah

5. Voltage

- (5.1) Typical Voltage (OCV) at room temperature: 16.8V
- (5.2) Nominal Voltage: 13.2V - When discharged at 1A Constant Current
- (5.3) Minimum Voltage: 10V

6. Temperature Storge

- (6.1) The battery must be stored in it's original, sealed metallized bag
- (6.2) Storage must be between -20°C and +60°C (-4°F and 140°F)

7. Operational Temperature

- (7.1) Operational temperature is between -20°C and 60°C (-4°F and 140°F)

8. Dimensions (Nominal)

- (8.1) 211 mm x 96 mm x 84 mm (8.3" x 3.8" x 3.3") not including connector and cable

9 Weight (Nominal)

- (9.1) 1.45 kg (3.2 lb)