



# 0120706

## Sealed Pure Lead Battery

### 6.0 VDC, 5.0 Ah

#### FEATURES

##### Application:

This 6VDC Dual-Lite approved pure lead (PL) battery, part number 0120706, is made with the highest quality components and provides 5Ah of emergency backup capacity. It supplies 2.75A @ 6V for 90 minutes to an end voltage of 5.25V, as specified by UL's Emergency Lighting and Power Equipment standard. This battery has been tested and approved to UL 924 for use with Dual-Lite's EDS, ERS, ESS, ML, MLW, N4X, and TB emergency lighting products and meets pressure release test requirements specified in UL 1989.

##### Warranty

2 year full, 3 year pro-rata

#### SPECIFICATIONS

- **Part Number:** 0120706
- **Alternate Part Number:** 12-706
- **Chemistry Type:** Sealed pure lead
- **Dimensions:**
  - Height (H): 3.02 inches (max)
  - Length (L): 5.49 inches (max)
  - Width (W): 2.12 inches (max)
- **Weight:** Approx. 2.18 lbs
- **Operating Temperature:** -40°C to 40°C
- **Termination:** ¼" F2 Faston terminal
- **Performance:** Provides hundreds of full discharge cycles
- Safety valve design
- Usable in any position.

| Electrical Specifications                |                                      |                |
|--|--------------------------------------|----------------|
| <b>Nominal Voltage</b>                   | 6VDC                                 |                |
| <b>Rated Capacity</b>                    | 5.0 Ah @ 20 hour rate                |                |
| <b>Maximum discharge current</b>         | 50A (60 sec)                         |                |
| <b>Internal resistance</b>               | 10.0 mOhm<br>(fully charged @ 25 °C) |                |
| <b>Constant charging voltage (25 °C)</b> | Cycle Use                            | 7.35 - 7.50VDC |
|  | Standby Use                          | 6.81 - 7.05VDC |
| <b>Constant charging current</b>         | 10 mA (max)                          |                |
| <b>Capacity (25 °C)</b>                  | 20 hour rate                         | 5.2Ah          |
|  | 10 hour rate                         |                |
|  | 5 hour rate                          | 5.0Ah          |
|  | 1 hour rate                          | 4.0Ah          |
| <b>Self-Discharge (25 °C)</b>            | 1 month storage                      | 98% capacity   |
|  | 3 months storage                     | 96% capacity   |
|  | 6 months storage                     | 85% capacity   |
|  | 12 months storage                    | 77% capacity   |

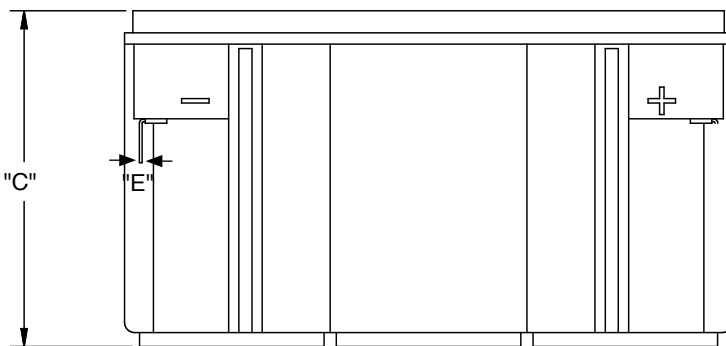
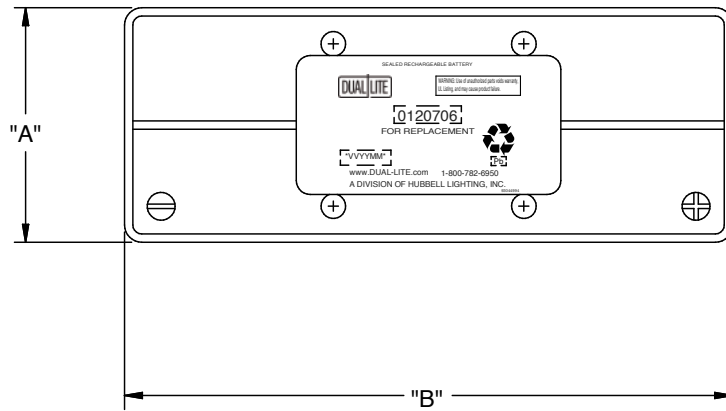
|              |      |
|--------------|------|
| Model Number |      |
| Quantity     | Type |



**Warning:** The use of unauthorized batteries in life safety products may cause product failure and increases the risk of injury to those you or your company are trying to protect. Additionally, use of batteries that are not approved by the Original Equipment Manufacturer may void the product's warranty and exposes you or your company to increased potential for litigation. Only batteries approved by Dual-Lite are authorized for use with Dual-Lite products.

**Caution:** Never charge or discharge a battery in a hermetically sealed enclosure. Batteries generate a mixture of gases internally. Given the right set of circumstances, such as extreme overcharging or shorting of the battery, these gases might vent into the enclosure and create the potential for an explosion when ignited by a spark. Do not attempt to disassemble batteries. Contact with sulfuric acid may cause harm. Should it occur, wash skin with liberal amounts of water. Do not throw batteries into a fire; batteries so disposed may rupture or explode. Disassembled batteries are hazardous waste and must be treated accordingly. Sealed lead batteries must be recycled or disposed of properly.

**DIMENSIONS**



**Battery Dimensions**

|          |             |
|----------|-------------|
| <b>A</b> | 2.12        |
| <b>B</b> | 5.49        |
| <b>C</b> | 3.02        |
| <b>D</b> | 0.34-0.37   |
| <b>E</b> | 0.023-0.027 |
| <b>F</b> | 0.25        |

