



**MILPC Group 78**

### Physical Characteristics

| MAXIMUM            |                   |                    | TYPICAL            |
|--------------------|-------------------|--------------------|--------------------|
| Length<br>in. (mm) | Width<br>in. (mm) | Height<br>in. (mm) | Weight<br>lb. (kg) |
| 10.85<br>(275.6)   | 7.08<br>(179.8)   | 7.34<br>(186.4)    | 49.50<br>(22.4)    |

The above dimensions are nominal values.

### Extended Discharge at 77°F (25°C) to 10.02V

| 5 min. | 15 min. | 1 hr. | 3 hr. | 5 hr. | 10 hr. | 20 hr. |
|--------|---------|-------|-------|-------|--------|--------|
| 304.4A | 144.5A  | 47.3A | 18.1A | 11.5A | 6.2A   | 3.4A   |

### Battery Design

- Thin Plate Pure Lead (TPPL) technology
- Absorbed Glass Mat (AGM) technology
- 12V Valve Regulated Lead Acid (VRLA)
- SAE Group 78 footprint
- Terminals - Side: 3/8in (9.5mm) threaded receptacle
- Can be installed in any orientation except inverted
- Convenient suitcase lifting handle
- US DOT and IATA certified NONSPILLABLE

See SDS for detailed shipping instruction

- Shipped fully charged and ready to install
- High power and high energy

### High Rate Discharge at 77°F (25°C)

| 5 sec. | 10 sec. | 15 sec. | 20 sec. |
|--------|---------|---------|---------|
| 1500A  | 1280A   | 1170A   | 1100A   |

### Performance Features

- Typical service life: 6 to 8 years
- Operating temperature: 40°F (-40°C) to 176°F (80°C)
- CCA: 850A at 0°F (-18°C)
- HCA: 1250A at 80°F (27°C)
- MCA: 1050A at 32°F (0°C)
- Reserve capacity: 135 minutes
- Shelf life: 24 months @ 25°C
- Deep cycling capability: 400 at 80% DOD
- Short circuit current: 3100A

