**Specifications**

- **NOMINAL VOLTAGE:** 12V
- **NOMINAL CAPACITY:**
  - 20 hr. rate: 0.35A to 10.5V, 7.0Ah
  - 10 hr. rate: 0.65A to 10.5V, 6.5Ah
  - 15 hr. rate: 1.19A to 10.2V, 5.95Ah
  - 1 hr. rate: 4.20A to 9.60V, 4.2Ah
- **WEIGHT (approx.):** 6.17 pounds (2.64 kgs.)
- **ENERGY DENSITY (20 hr. rate):** 1.49 WH/cubic inch (91.0 WH/liter)
- **SPECIFIC ENERGY (20 hr. rate):** 13.6 WH/pound (30 WH/kg)
- **INTERNAL RESISTANCE OF CHARGED BATTERY:** 30 milliohms (approx.)
- **MAXIMUM DISCHARGE CURRENT WITH STANDARD TERMINALS:** 40 amperes
- **MAXIMUM SHORT-DURATION DISCHARGE CURRENT:** 210 amperes
- **OPERATING TEMPERATURE RANGE:**
  - **CHARGE:** 5°F to 122°F (-15°C to 50°C)
  - **DISCHARGE:** -4°F to 140°F (-20°C to 60°C)
- **CHARGE RETENTION (shelf life) at 68°F (20°C):**
  - 1 month: 97%
  - 3 months: 91%
  - 6 months: 85%
- **LIFE EXPECTANCY:**
  - **STANDBY USE:** 3 to 5 years
  - **CYCLE USE (approx.):**
    - 100% depth of discharge: 250 cycles
    - 50% depth of discharge: 550 cycles
    - 30% depth of discharge: 1200 cycles
- **SEALED CONSTRUCTION:** Can be operated in any position without leakage.
- **STANDARD TERMINAL:** Quick Disconnect .187 or Optional .250
- **HOUSING MATERIAL:** ABS Resin
- **OPTIONAL:**
  - Container and cover made from Flame Retardant ABS (UL94-V0/L.O.I.>28%)
- **RECOGNIZED BY UL, File No. MH 16464**

**Dimensions**

**INCH = MM**

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<thead>
<tr>
<th>Dimension</th>
<th>INCH</th>
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CHARGING METHODS (At 20°C)

- **Cycle use:** Maximum charging current 1.75A
  Charging voltage 14.4 to 15.0V
- **Standby use:** Float charging voltage 13.50 to 13.80V

**CAUTION**
- Avoid short circuit
- Do not charge in a sealed container.

**SELF DISCHARGE CHARACTERISTICS**

**OPEN CIRCUIT VOLTAGE VS REMAINING CAPACITY**

**CYCLE SERVICE LIFE IN RELATION TO DEPTH OF DISCHARGE**

**FLOAT SERVICE LIFE**

When the battery will be used by current in excess of 3C, consult with EnerSys, Inc. prior to use.