

# i-Lite<sup>™</sup> Sensor

# **Electrolyte Monitoring System - EMS1000**

The smartest, safest and most accurate way to know when your batteries need water. The technologically advanced i-Lite<sup>™</sup> sensor improves battery maintenance by alerting operators with the brightest LED visual indication of battery electrolyte level.

## Easy to See and Use

- · Green light indicates electrolyte level is okay
- · Red light indicates water after next complete charge
- Probe can be mounted in the center of the battery and the light placed where it is easy to see

# **Superior Design and Manufacturing**

- Very bright LED encased in polycarbonate housing for superior viewing
- · Low current draw will not drain the battery
- Probe is made from lead so it will not harm the battery
- Low profile reduces damage from battery cables as they move across the top of the battery
- EPDM grommet ensures perfect seal between the probe and cell
- No calibration necessary

#### Safest Sensor Available

- Electronic housing is separate from the sensor probe
- Multiple fuses eliminate the possibility of unrestricted current flow in any direction
- Sensor is protected against transient voltages and incorrect polarity
- Eliminates the need for battery room attendants to peer into vent wells to check electrolyte levels

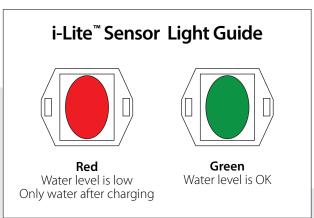
# **Customized to Fit Your Battery**

· Multiple precut probe lengths available

#### **Guaranteed Performance**

- · One-year limited warranty
- The i-Lite<sup>™</sup> sensor protects your battery investment and is designed to last the life of your battery





### **Technical Specifications**

Operating Voltage 8 - 12 V Nominal

Current Consumption 15 mA

• Acceptable Exposure Range -20°F to 160°F (-29°C to 71°C)

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