

i-Lite[™] Sensor

Electrolyte Monitoring System - EMS1000

Battery Watering Technologies

The smartest, safest and most accurate way to know when your batteries need water. The simplistic design of the i-Lite[™] sensor improves battery maintenance by indicating to operators the battery electrolyte level with an easy-to-understand blinking LED. When paired with a single-point watering system from Battery Watering Technologies, it helps extend the life of the battery by alerting users when the battery needs water.

Easy to See and Use

- · Blinking green light indicates electrolyte level is okay
- Blinking 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[™] 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: 7 mA
- Acceptable Exposure Range: -20°F to 160°F (-29°C to 71°C)



i-Lite[™] Sensor Light Guide



Blinking Red Water level is low Only water after charging



Blinking Green Water level is OK



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Faster. Safer. Better.