



ALL-IN-ONE BATTERY SENSOR



The Visual Monitoring System™ (VMS) is an all-in-one battery sensor that offers a cost effective, intuitive solution to manage your battery fleet and confirm that the batteries have been charged, cooled and watered. The bright LED can be positioned in a convenient location for easy monitoring. The durable, reliable design protects your battery investment by taking the guesswork away. The VMS alerts the user that the battery needs water only after it has been fully charged, preventing watering at the wrong time, while tracking the number of charge cycles. When used with single-point watering system from Battery Watering Technologies, the VMS offers the most effective battery maintenance program available.



SUPERIOR DESIGN AND MANUFACTURING

- One very bright LED light - three easy to understand color indications
- Tracks full charge cycles and reports information
- Low current draw will not drain the battery
- Low profile eliminates damage from battery cables as they are moved across the top of the battery
- No calibration necessary
- Sealed polycarbonate lens protects the LED from damage and acid corrosion
- Overmolded wiring harness for enhanced durability
- EPDM grommet ensures perfect seal between the probe and cell

SAFEST SENSOR AVAILABLE

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

CUSTOMIZED TO FIT YOUR BATTERY

- Multiple pre-cut probe lengths available
- Easy to trim probe

GUARANTEED PERFORMANCE

- Guaranteed for one year; designed to last the life of your battery

VMS LIGHT GUIDE



YELLOW

In use or being charged



RED

Battery is charged
Needs water - Water now
Blinking indicates the battery has not cooled



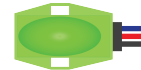
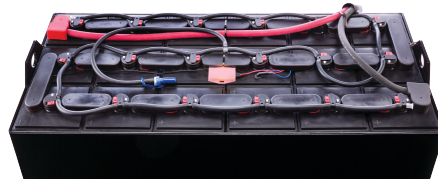
GREEN

Battery is charged
Water level is OK
Blinking indicates the battery has not cooled





VMS LIGHT GUIDE EXPLAINED



The VMS light is yellow while the battery is in use or being charged. After the battery receives a full charge, the light will transition to blinking red or blinking green depending on the electrolyte level. A blinking light indicates the battery has not cooled.

If the light is red, the battery needs to be watered. If the light is green, the electrolyte level is OK.

After the battery has cooled for 4 hours* it will turn solid red or solid green depending on the electrolyte level.

Solid green indicates the battery is ready to use.

The light will transition back to yellow when the battery is in use.

*Always follow the battery OEM's operational guidelines.

PART NUMBER	PROBE LENGTH
VMS1000	Uncut - trim to size
VMS1017	1.73"
VMS1019	1.90"
VMS1020	2.00"
VMS1021	2.12"
VMS1023	2.30"
VMS1030	3.00"
VMS1045	4.50"
VMS1050	5.00"

PROBE
LENGTH



SPECIFICATIONS

- Operating Voltage: 8 - 12 V Nominal
- Current Consumption: 57 mA
- Acceptable Exposure Range: -20°F to 160°F
(-29°C to 71°C)