

Electrolyte Level Sensor

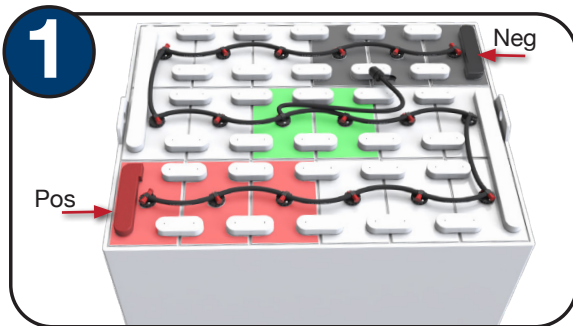
Installation and Operation Instructions

when adding to an existing watering system

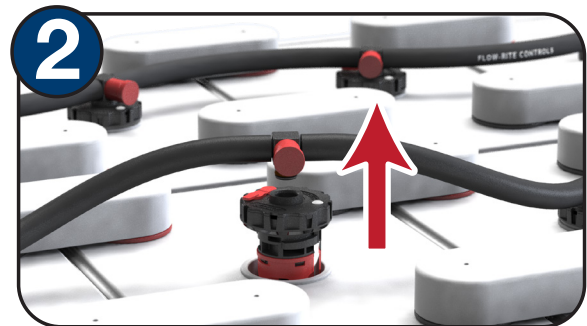
Contents	
(1) Eagle Eye Industrial Electrolyte Level Sensor	(4) Zip Ties
(1) Instruction Sheet	(2) Screws
(1) No-ox Grease	(1) Swivel Tee

Tools Required
PPE
Screw Driver
1/4" Nut Drive

Specifications
Max Current Draw: 7mA
Nominal Operating Voltage: 12 - 48V
Operating Temperature: -22°F - 158°F



Locate your battery posts (positive and negative). We recommend that you place the probe as close to the center of the pack as possible. **Probe cannot be installed within three cells from a battery post (red or black area as shown above).**



Select a valve from a cell located near the center of the battery, remove the swivel tee and valve.



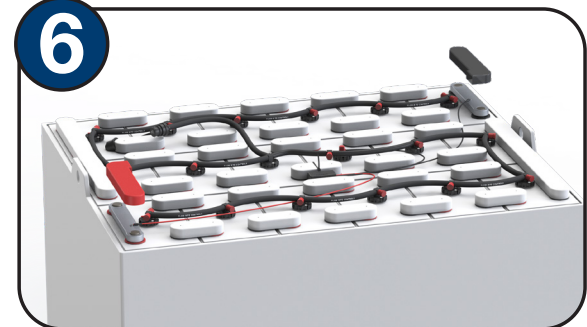
Replace with the sensor valve as shown. Use care when helping the probe find its way into the cell.



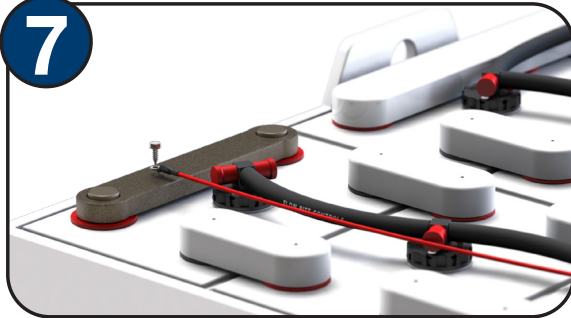
Rotate clockwise to lock the valve in place and reinstall swivel tee. (If this is a new install, connect swivel tee to the valve and connect tubing.)



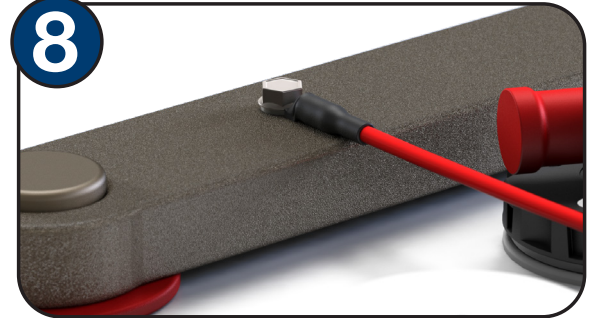
Secure the control box with a zip tie provided in a secure location. **Do not secure to watering system tubing.**



Take cover off of first inter-cell connector available on each end for placing the red and black wires. **We recommend powering over the entire battery up to 48 volts.**

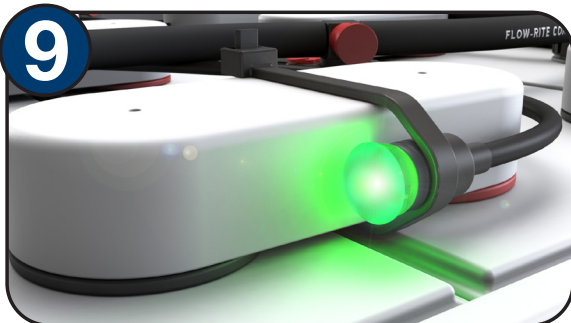


Attach the red wire to the positive post of the battery and the black wire to the negative post of the battery.



Screw into inter-cell connector as shown. Ensuring that the screw is securely drilled into the inter-cell connector, be careful not to strip the lead.


Apply no-ox grease to cover entire terminal and screw head, reinstall inter-cell connector cover.



Position the LED light in a visible location and attach with the provided zip tie.

Do not place on hose or side handles.

FULL 
Steady green light indicates full water level.

LOW 
Blinking red light indicates low water level. Only water after charging.



Intertek
5013164
Conforms to
UL STD 583

! WARNING!

Failure to follow these instructions or use of unapproved installation equipment may cause injury and permanent damage to the product or battery. Always use personal protection equipment (PPE) when working on lead acid batteries. Never work on batteries if they are gassing or on charge.

NOTE:

- This product is intended to monitor electrolyte levels inside of flooded lead acid batteries. Failure to use this product in the manner intended could compromise safety protection provided by the equipment.
- Probe should be wiped clean and terminals checked for corrosion each time the battery has preventative maintenance.

! MISE EN GARDE

Non-respect de ces instructions ou l'utilisation d'équipements non homologués installation peut provoquer des blessures et des dommages permanents au produit ou de la batterie. Toujours utiliser des équipements de protection individuelle lors de l'utilisation.

REMARQUE:

- Ce produit est conçu pour surveiller les niveaux d'électrolyte à l'intérieur des batteries au plomb immergées. Ne pas utiliser ce produit de la manière prévue pourrait compromettre la protection de la sécurité fournie par l'équipement.
- La sonde doit être nettoyée et les bornes doivent être vérifiées à chaque fois que la batterie est entretenue de manière préventive.