

Blinky and Smart Blinky battery water monitors

Let your batteries tell you when they need water!



Blinking red LED indicates battery needs water



Blinking green LED indicates electrolyte level is good

Philadelphia Scientific's battery watering monitors' compact size allows fit onto crowded battery tops and their very bright LED allows for maximum visibility.

Saves Money

- Allows you to water only those batteries that need water
- Prolongs battery life — never lets a battery dry out
- Monitors add minimal cost to batteries

Saves Time

- Eliminates labour time wasted checking battery levels
- Advanced technology eliminates false indication, maximizes watering intervals

Easy to use

- Bright LED is easy to see
- Variety of options to suit your requirements

The biggest problem in battery maintenance is knowing when to fill batteries with water. Without indication, operators must devise watering schedules or carry out weekly inspections to maintain the batteries. Time is often wasted when inspecting and watering batteries that do not require filling, while batteries left under watered can suffer costly permanent damage.

Philadelphia Scientific's watering monitors dramatically improve battery maintenance by intelligently alerting personnel when a battery needs water – and when it does not. These monitors allow watering on a “as-needed” basis instead of a hit-or-miss schedule. They are a cost effective solution that will reduce labour time and increase asset life by helping to ensure the battery is correctly maintained.

There are several options available within the Blinky and SmartBlinky range. All of these options have an integrated fuse protection against excessively high voltage and have patented designs unique to Philadelphia Scientific.

Battery Watering Monitors

Save Money and Time with the Battery Water Monitor

Philadelphia Scientific's watering monitors are easy to see, easy to use and easy to install. All models offer a flexible design with a probe that can easily be trimmed for a custom fit. They also enhance the safety of your operation by reducing employees' exposure to acid. Save money and improve productivity with any of our battery watering monitors.

Blinky™

LED blinks green when electrolyte is OK - LED goes out when water is needed

With a legendary reputation for reliability, nothing simplifies battery watering like the Blinky™. Our original watering monitor revolutionized the checking of electrolyte levels in industrial batteries. Blinky saves time, reducing labour cost, and delivers a rapid ROI. It is a low-cost solution for electrolyte monitoring.



Smart Blinky™

LED blinks green when electrolyte is OK - LED blinks red when water is needed

The Smart Blinky™ is ideal for batteries where the top of the battery can be seen. Patented Smart Sensing Technology eliminates false indication and maximizes watering intervals to prevent unnecessary watering.

Smart Blinky's are available with standard indication sequence or 5 day delay. The 5 day delay option sensors when the electrolyte has gone below the level of the probe, with the LED only turning red after 5 days. This option enables you to increase further the intervals between watering.



Within the Smart Blinky range the following models are available:

Smart Blinky Cyclops

The Smart Blinky Cyclops is ideal for batteries that do not leave the truck, it ensures the SmartBlinky's indication cannot be missed. The LED is mounted in a rugged connector which is located behind the battery connector. Whenever the battery is disconnected from the charger the LED is in the operatives hand.



Smart Blinky Monobloc

The Smart Blinky Monobloc enables you to have a battery water monitor on floor cleaners, golf buggies and any other vehicle where a monobloc is used. It has been specially designed to operate at 6v and has a remote LED so it can be mounted in a visible location on the vehicle.



Smart Blinky Detachable

The Smart Blinky Detachable allows the LED to be mounted in the dash of a vehicle and comes complete with a detachable connector in the LED lead. So if the battery has to be removed from the vehicle then only the connector needs to be disconnected, eliminating the requirement to remove the Smart Blinky from the battery.

Smart Blinky Interface

The Smart Blinky Interface is a battery water monitor which combines all the features of the Smart Blinky but has a "clean-contact" output for connection to 3rd party devices in place of the on board LED.

When paired with the Water Injector System™, the Stealth Watering System™ or the Watering Gun, these battery watering monitors are part of the most effective battery maintenance program available.

Helping to reduce costs and improve sites efficiencies.

Specifications

Operating Voltage

4.0V Nominal (Blinky & Smart Blinky)
6.0V (Smart Blinky Monobloc)

Voltage Range

3.0 – 5.5V (Blinky & Smart Blinky)
5.0 – 8.0V (Smart Blinky Monobloc)

Nominal Current

60mA (Blinky)
2.67mA (Smart Blinky)
Connection methods
M10 stainless steel ring
M3 self tapping screw and steel ring
Quick Tap piercing option

Philadelphia Scientific UK Ltd

188 Oxford Grove, Bolton BL1 3BH, England
P: +44 (0)1204 467777 F: +44 (0)1204 493300 www.phlsci.com



Philadelphia Scientific
industrial battery innovation