

DATA IS KEY. THE EGO!C UNLOCKS THE POTENTIAL IN YOUR BATTERIES, PROVIDING KEY METRICS TO HELP MAXIMISE PERFORMANCE.



MEASURE BATTERY PERFORMANCE



PREVENT COSTLY DAMAGE



PRO-ACTIVE MAINTENANCE

UNLOCKS DATA WITHIN YOUR BATTERIES

OUT-OF-DATE



Without a cost-effective way to monitor the usage and performance of a battery, companies and fleet managers have been unable to improve the site's procedures pro-actively.

This means:

- **78% of battery usage can be lost.**
- **Labour costs are increased.**
- **Maintenance costs are increased.**

Without data, a battery is just a battery. If something goes wrong with it, there is no simple way of telling what went wrong and when.

AHEAD OF TIME



The eGO!c battery life monitor is the latest and most advanced battery life monitor available on the market, turning any lead-acid battery into a smart battery.

This data can be used to:

- **Improve maintenance procedures.**
- **Increase run-time and reduce costs.**
- **Assign accountability for battery abuse.**

The wide range of metrics recorded by the eGO!c can be used to improve the overall performance of a battery fleet.

THANKS TO A LOW-COST INSTALL, MAINTENANCE COST SAVING AND ABUSE PREVENTION, THE EGO!C HAS A RETURN OF INVESTMENT AFTER JUST A 12 CYCLE IMPROVEMENT.

PRO-ACTIVE PROTECTION

The key to improving the efficiency of your fleet and entire organisation is having performance data that is both accurate and can be interpreted quickly and easily. Key metrics recorded and displayed intuitively allow you to make informed decisions enable asset owners to directly affect the performance of a battery room and maximize the life of assets.

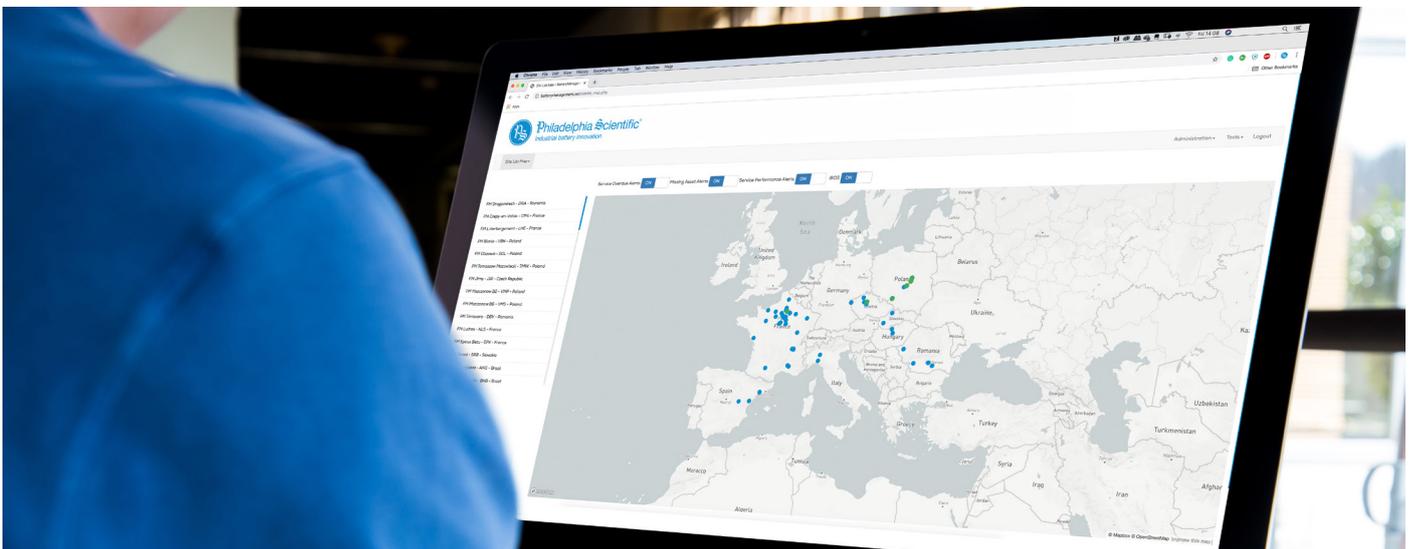
The eGO!c battery life monitor is the vital piece of the puzzle to unlock the data hidden away in your battery. There are no other battery life monitors available on the marketplace today that provide the same level of battery information, and it comes with a range of indicators from our award-winning SmartBlinky range of products.

Recording over 256,000 data samples, across 28 fields, covering 23 separate performance indicators, the eGO!c is an all-encompassing intelligence system that delivers the data that is locked away within your batteries.

The data points are translated into all the critical parameters for every battery cycle, automatically uploading the data to our online portal batterymanagement.net. This intuitive website allows you to easily interpret the data that the eGO!c records from every cycle. Once it has been uploaded, it can be used to:

- Quickly review the data for your entire fleet.
- Identify improvements to maintenance procedures across multiple sites.
- Pro-actively monitor to track improvements.

Recording battery data and presenting it in a straight forward visualizations turns a standard battery fleet into a smart battery fleet. This helps you to pro-actively amend procedures to avoid otherwise unnoticed damage that will reduce battery performance and life expectancy.



DATA DONE RIGHT

Having battery data presented in an easily accessible and understandable way allows users to make clear, informed decisions when making changes in operations and shows clear accountability for any battery abuse. This gives everybody the transparency needed if something does go wrong with the battery as the problem can be quickly and easily diagnosed.

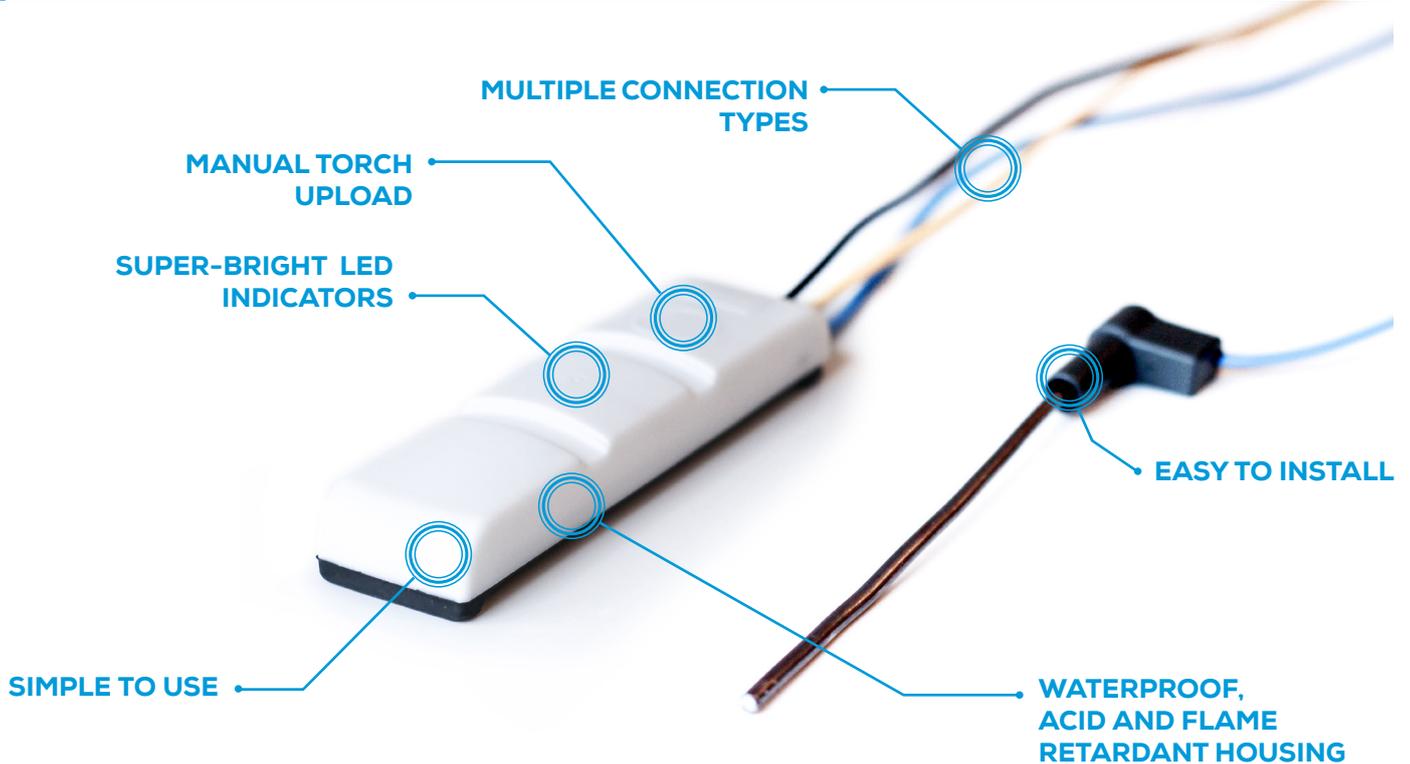
Giving both an entire overview and the ability to drill down into the finest details, the eGO!c system allows you to pinpoint problem areas and address problems pro-actively. Organisation wide visibility, coupled with the eGO!Alerts function, gives the information end-users need to make changes in practice to help improve performance. With eGO!Alerts automatic alerts can be set up for a wide range of parameters if performance dips below the desired levels set by the user.

The data that the eGO!c records is automatically captured and uploaded via our CloudLink gateway, giving you a fully integrated and seamless feedback loop. It tracks and records:

- Download data
- eGO!c serial number
- Cell voltage at download
- Temperature at download
- Electrolyte status at download

From work, rest, charge, and cool down hours to opportunity and abuse cycles, once uploaded, the complete performance of a battery can be seen online.

SMART BATTERY, SMART YOU

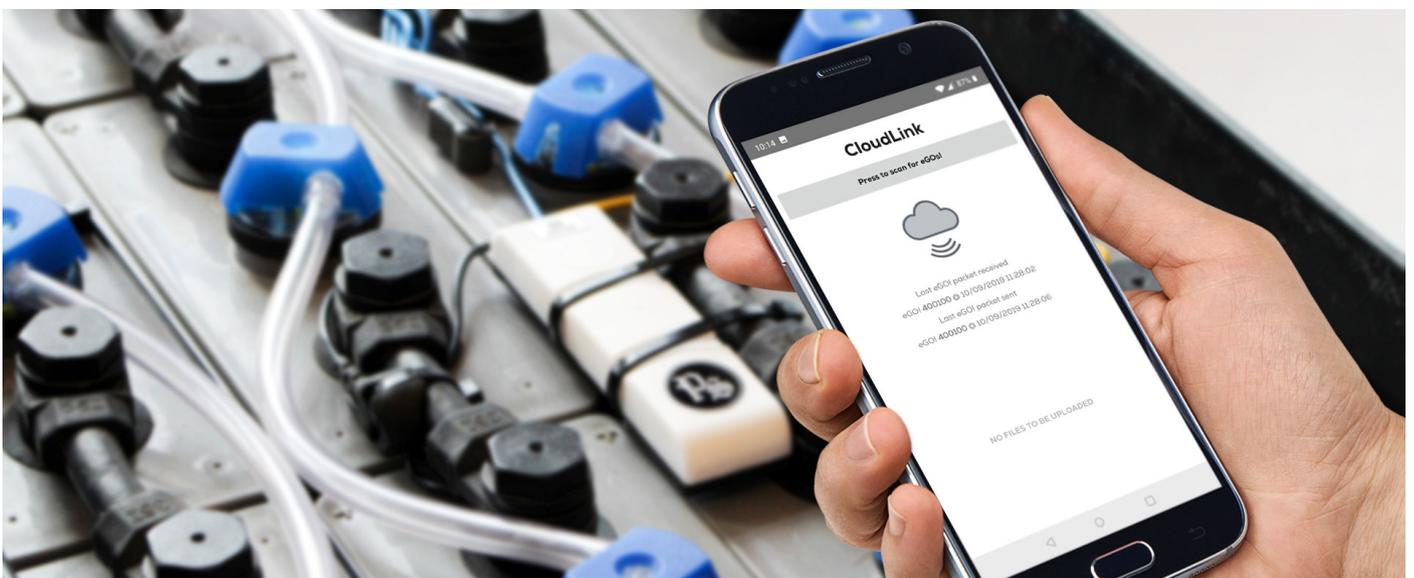


The eGO!c builds upon the success of the eGO!3 with changes that improve its capabilities even further. The housing has had a complete overhaul and is now fully jet wash and waterproof with an IP 68 rating. This new, rugged design means you can carry on with the same battery cleaning procedures. The eGO!c still has the same in-built SmartBlinky technology, and the super-bright LED's still let you know exactly when a battery needs filling.

The eGO!c now boasts a wide range of features:

- Market-leading super-bright LED indicators from our SmartBlinky range.
- Clear indicators show a range of information to the operators, such as electrolyte low and high temperature.
- 24-hour SmartDelay to reduce the risk of incorrect topping.
- OnlyOnCharge data transfer meaning less background radiation compared to always-on connections.

The eGO!c is simple to understand. When the indicator is green, the battery water levels are good, and when it is red, the battery needs water. Three green pulses and one red means fill soon. The orange indicates the battery is above temperature (40°C - Electrolyte / 37°C - Gel), and a blue LED indicates communication.



The eGO!c has been designed with ease of use in mind and works perfectly with the eGO!Tools app. You can now trigger manual data uploads directly from the app, access a tailored site list, and review key metrics. This synchronisation gives battery room technicians complete flexibility, speeding up productivity, and efficiency.

SPECIFICATION		NOTES
Operating voltage	12.0v	
Nominal Current	30 - 100mA	Variable depending on what state the eGO!c is in.
LED Indications	Amber: Over Temperature Green: OK Red: Fill Now Blue: Comms Operating	
SmartDelay	24 Hours (Standard) 5 Day (Optional)	Time probe has been dry.
SmartSense	Yes	Programme that confirms electrolyte level is below the probe.
Reverse Polarity Protection	Yes	
Housing	Translucent Overmold	
Over-discharge Threshold	80%	
Connections	(S) M4 Steel Ring and Screw (Q) FlexiTap	
Fuses M4 FlexiTap	1 x board, 2 x In-line 1 x board, 2 x FlexiTap	
Warranty	1 Year	
Flame Retardant	Yes	
M4 Connection	EGOC-12SE EGOC-12SG	(Electrolyte) (Gel)
FlexiTap Connection	EGOC-12QE EGOC-12QG	(Electrolyte) (Gel)
Cable Colour(s)	Black (-), Yellow (+), Blue (P)	
Flashing Patterns Flooded VRLA	OK / Fill Soon / Fill Now / Over Temperature / Comms On Over Temperature / Comms On	
Dimensions Length Width Height	100mm 30mm 18mm	
Weight Flooded VRLA	0.08kg (80g) 0.1kg (100g)	 Including EL Probe

DOC0401 © 2020 Philadelphia Scientific LLC. All Rights Reserved. Philadelphia Scientific and the PS logo are registered trademarks of Philadelphia Scientific LLC. eGO!, eGO!c and CloudLink are trademarks of Philadelphia Scientific UK Limited. E&O.E.

SYDNEY | BRISBANE | MELBOURNE | ADELAIDE | PERTH



1300877531

**Industrial
Batteries**
Australia

