

# Always right on track.

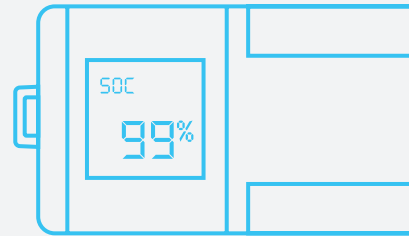
The innovative Battery Monitoring System Motion+ EasyMonitor increases efficiency and reduces costs.



# Relationship status with your batteries: Deeply in love.

## Maximum efficiency at minimum costs.

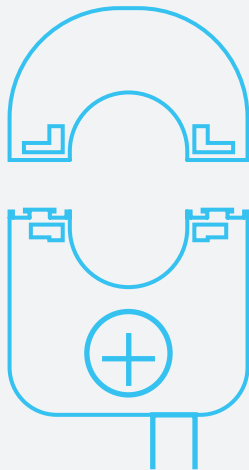
Motion+ EasyMonitor maximizes the efficiency of your intralogistics flows. The uptime of both machines and batteries are significantly increased through continuous and reliable monitoring of relevant parameters followed by their subsequent optimization. Moreover, your initial investment in batteries is protected against common operator errors such as low electrolyte level and deep discharge that are often overseen in today's busy warehouses. The easy-to-understand LED color display summarizes necessary information at a glance in a traffic light system. Users of all experience levels are guided in an intuitive, icon based manner through an LCD display towards maximizing battery life time and thus keep your business running.



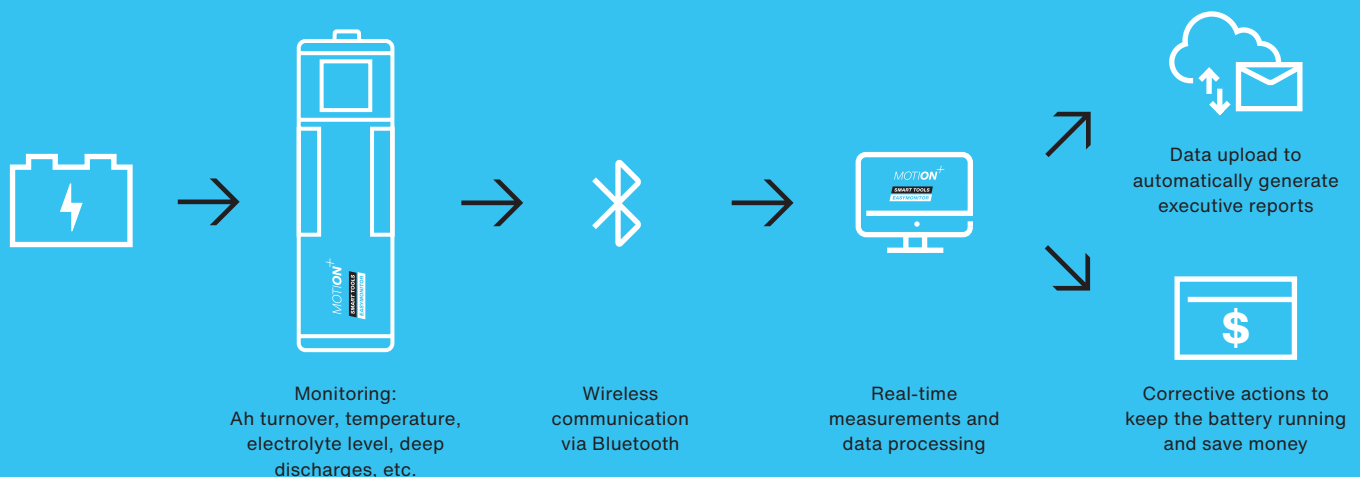
## Secure profit with Easy 1-Click-Installation.

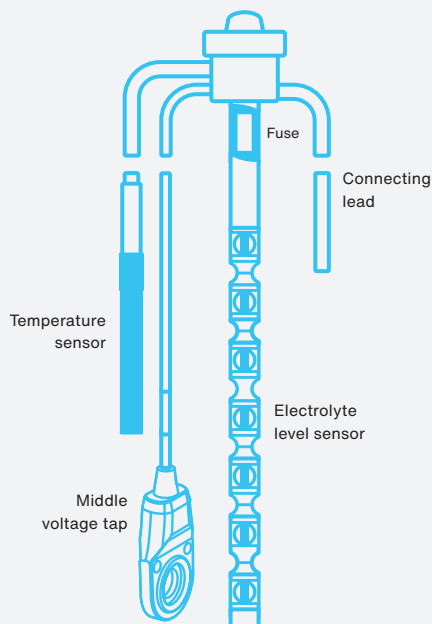
Your profit is just one click away. Quick payback and elevated machine run time are achieved straightforward by wrapping the flexible measuring probe around a cell connector.

The multifunctional 3-in-1 sensor immediately starts monitoring electrolyte level, temperature and battery voltage symmetry and provides data necessary to optimize your fleet. Most certainly safety at all times is ensured via a unique double protected design with integrated fuses even exceeding current regulations. Motion+ EasyMonitor is the fastest way to improve battery life time and benefit from better total cost of ownership.



## How it works.





## Enhance battery life time and fleet uptime.

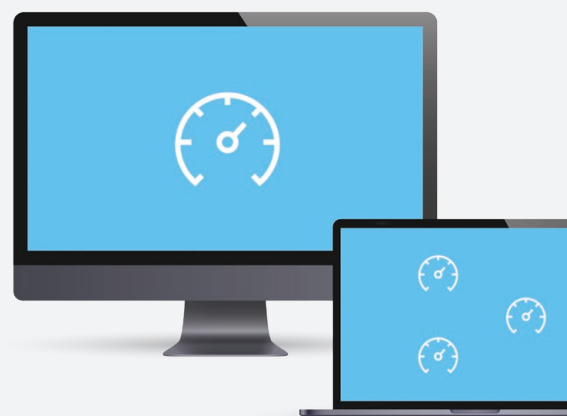
Get most out of your fleet by constantly monitoring and optimizing. Moreover, having precise knowledge about e.g. cycle life time gives rise to in depth understanding of battery rental and warranty management. Simply pay or charge for the power that has been really used and avoid all discussions concerning the battery's state of health – with Motion+ EasyMonitor you know what condition your battery is in!

- Protect your investment: Middle voltage tap is detecting imbalances
- Safe operation: temperature, electrolyte level and deep discharge recording
- Enhanced rental and warranty features: detailed cycle information, average discharged Ampere hours (Ah), average operating time, state of charge, battery voltage

## Optimizing potential at your hands.

The user-friendly software provides real time data and status of the “heart of your vehicle”. Full overview, diagnostics and optimizing potential at your fingertips for more operating hours. All measured parameters are conveniently summarized and presented in an automatically generated executive report. Avoidable influences are clearly indicated by a traffic light system to enable fast root cause identification and corrective actions to save money. Keep track of your battery throughout its entire lifetime! Access to logbook data may e.g. reject claims for rental park owners, as user errors are traced and future usage is optimized.

Are you wondering if your battery can do even more? Our experienced Experts will be happy to assist you at any point in time regarding additional input for most beneficial settings and data evaluation.



## Features



**Current and voltage measurement**



**LCD and LED display**



**Real-time clock**



**Temperature probe**



**Electrolyte level-sensor**



**Wireless data read-out**



**Easy installation clamp**



**Multifunction sensor**

## Technical data

Voltage range	18 - 120V
Current draw	max. 60 mA at 18V DC
Current measurement range	± 3.5 – 1000 A
Operating temperature range	-10 to 60 °C (14 to 140 °F)
Permitted storage temp.	-20 to 60 °C (-4 to 140 °F)
Relative humidity	< 90 %
Casing	IP 65 according to EN 60529 PC-GF10 plastic casing, resistant to diluted sulphuric acid with an acid density of up to 1.4 kg/l
Dimensions (L x H x W)	144 x 44 x 20 mm 45 x 47 x 22 mm (Hole diameter = 20.8 mm)
Weight	400 g (0.9 lbs)
Standards	2014/35 EU – Low voltage directive 2014/30 EU – Electromagnetic compatibility Shock and vibration tested according to IEC 68-2-29 and IEC 68-2-6

# Progress knows no borders.

## Like our dedication for a sustainable future.

Mericas® battery solutions are designed and manufactured in Europe.  
Transforming the future of energy storage and driving the electrification  
from all our locations around the world.



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