



# EXPERT REPORTING SERVICE

*Expert analysis of your battery data drives better battery outcomes.*

**PowerShield AssurePlus gives you confidence to make good decisions about your batteries and take preventive steps to avoid potential battery failures.**

To achieve uptime excellence, you need the best tools, vigilance and expertise.

Managing UPS battery and downtime risk is a task where it's easy to become complacent and where small details or oversights can make a huge difference.

Good battery management requires ongoing vigilance, but not everyone has the time or skills.

AssurePlus steps in as a reliable solution, offering an additional layer of assurance. It ensures that the right actions are being highlighted and recommended to the facility management team, mitigating the risk of battery failure and downtime.



**Adding the assurance of expert oversight**

The PowerShield system monitoring your standby batteries is continuously measuring and storing data - for the lifetime of the batteries.

At the end of each day the PowerShield system sends your battery data to our secure server and we replicate your dataset. We don't access your network so the integrity of your system security is maintained.

Every month we analyse and interpret your battery data and a PowerShield battery expert prepares a report on the overall condition of your batteries and recommends actions for you to take.

The actions you take will correct any small problems before they escalate, meaning your batteries will be available when you need them.

Your service partners or staff can act with confidence and apply themselves to other important tasks, instead of worrying about battery health.



# Every month we analyse and interpret your battery data

## What gets reported

Trend analysis will identify potential battery failures and help you to identify and manage battery end-of-life. Depending on the configuration of your PowerShield battery monitoring system, the AssurePlus report will give you a visual summary for your batteries, highlighting the overall status and any exceptions in:

- Ambient temperature
- Float voltage
- String current
- Individual battery temperature
- Individual battery impedance (ohmic value)
- Individual battery voltage



All discharges are reported, issues recorded and recommended maintenance actions are listed.

Between reports the PowerShield battery monitoring system will continue to notify you directly of any alarms where immediate onsite action is needed.

## ABOUT POWERSHIELD

For over 25 years, PowerShield has designed, manufactured, installed, and operated battery monitoring systems for facilities with critical services that rely on continuous power. PowerShield is trusted by leading organisations in over 50 countries and our global reach means we are always close at hand. PowerShield provides the most advanced and cost-effective solutions for monitoring and managing standby batteries to give you peace of mind that they will be healthy, live longer and perform when needed.