



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

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

Depending on the configuration of your PowerShield8 Battery Monitoring System, the report will report on...

- Block Voltage
- Float Voltage
- String Current
- Block Temperature,
- Ambient Temperature
- Block Impedance (Ohmic value)
- Other battery management metrics as needed to make specific points.



Blocks that are likely to fail are identified well in advance of when they might become a problem to allow for timely, more cost-effective replacement. All discharges are reported, noting any issues recorded and listing any resulting actions required.

ABOUT POWERSHIELD

For over 25 years, PowerShield has designed, manufactured, installed, and operated Advanced Battery Monitoring and Management systems in facilities that rely on continuous power supply for their mission-critical services. Powershield's sales and support network includes all the major UPS companies. Today, over one million batteries are being monitored using PowerShield systems.



PowerShield **AssurePlus**



**EXPERT
REPORTING
SERVICE**

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

Battery management pitfalls

With a PowerShield8 Battery Monitoring system installed and configured correctly, your team is equipped with all the tools required to maintain the health of your standby batteries, ensuring they are always ready to perform. Every block and string is continuously monitored and this valuable data is stored for the lifetime of each battery.



Good battery management requires ongoing vigilance, but not everyone has the time or skills. The risk of losing battery management knowledge and experience due to staff shortages or turnover can further jeopardize battery readiness and uptime. 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

AssurePlus is PowerShield's Expert Reporting Service. It proactively analyses the data collected by each monitored PowerShield8 system, identifying items requiring immediate attention and making recommendations for systematically improving the overall battery management and outcomes each month. By staying ahead of the proactive battery management requirements, issues are addressed before they escalate and put your battery performance at risk. Healthy, well-maintained

batteries perform better and last longer.

AssurePlus monthly reports and recommendations augment your PowerShield8 system, which includes 24/7 user-defined alerts, alarms, and other controls, such as Thermal Runaway Protection.

What gets reported

Every month, Powershield's battery management experts analyse your battery data and write a report giving a visual summary of your batteries, highlighting the overall status and trends and any exceptions requiring attention.