Battery monitoring system 350 kWh

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Critical to maintaining a reliable backup battery solution, a battery monitoring system will provide users with the data they need to proactively service or replace a failing battery by measuring key parameters in real-time. Eagle Eye Power Solution"sBattery Monitoring Divisionoffers products that identify and measure key parameters as outlined in IEEE and NERC compliance recommendation for lead acid battery monitoring systems:

Battery monitoring is important because it helps to predict the state of health and inevitable failure of each battery in a string. Depending on battery type and application, Lead Acid batteries have a design life that can range dramatically - from 5 to 20 years. That design life estimation is based on the battery being maintained in accordance with recommended practices, operating under ideal conditions and ensuring that any individual failing units are replaced before they impact the other units in the string.

However, in most installations, those conditions are seldom met, and the actual life of a battery may be closer to half of the published design life. This potential for failure has been confirmed in a number of studies over the years. In fact, in one Ponemon study into Data Center failures, the UPS Battery was responsible for over 50% of the reported outages. This data, and the uncertainty of most operating environments, confirms why battery monitoring is an essential part of maintaining today"s critical DC power systems.

Monitor hydrogen levels and prevent hazards with the HGD-5000 Hydrogen Gas Detector. Reliable, easy to install, and equipped with alarms and real-time indicators, it ensures safety in critical environments.

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