

A Battery State of Health Indicator (SOHi™)



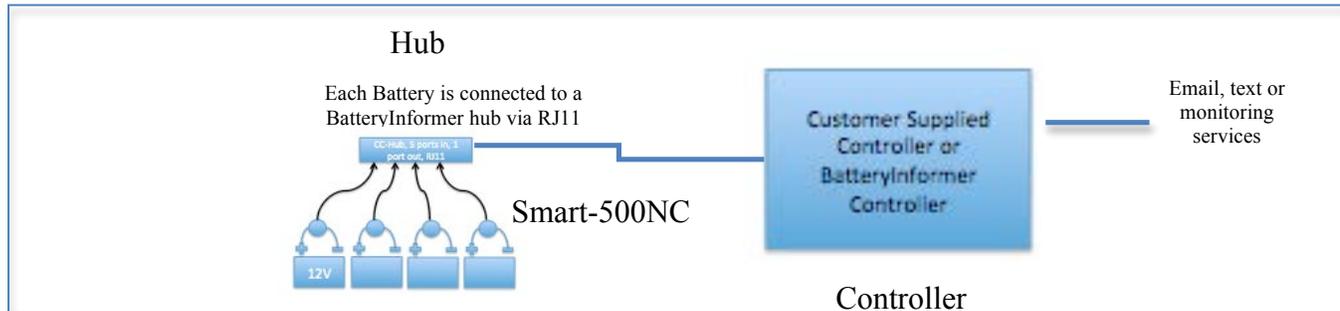
Smart-500NC Remote Battery Monitoring Solution

Eliminate On-Site Battery Testing and Lower OPEX

It is recognized around the world and by IEEE that Ohmic test readings give a highly accurate indication of the state-of-health of a battery. The key to high reliability in Ohmic testing is having an accurate baseline value, true Ohmic reading from the battery and the knowledge to analyze the data. The BatteryInformer solves the inaccuracy problem of field-testing and allows you to measure to the accuracy you expect.

The BI-Smart-500NC is a cost effective, smart and easy-to-read individual battery Ohmic test device with connectivity. Every minute the BatteryInformer® measures the internal resistance and trends the changes against the individual battery's baseline. Based on IEEE recommendations the device sends an alarm and indicates locally with a flashing **red light** when the battery's state-of-health is in "warning" or "failure." It also displays the voltage and the Ohmic values.

The BatteryInformer Smart -500NC offers a normally closed relay allowing easy installation and notification if the string is disconnected. This can be used to alert you in the event of a battery theft.



Features:

- ◆ Unique baseline for each battery jar
- ◆ IEEE proven Ohmic testing
- ◆ Temperature compensation and monitoring
- ◆ Dry contact closure
- ◆ Easy to install
- ◆ Wide operating temperature
- ◆ Re-usable with replacement batteries

Benefits to using the BatteryInformer®:

- Eliminate on-site battery testing
- Lower OPEX
- Theft protection
- Extend battery warranties
- Extend the field life of the battery
- Up to 40% more accurate than field testing
- Reduce truck rolls
- Reduce CO2 emission
- Identify high temperature sites

Steve Jobs said "Simple can be harder than complex."
BatteryInformer has simplified battery monitoring.