



# **Xtender<sup>TM</sup>**

**Battery Regenerator**



**Analyze**

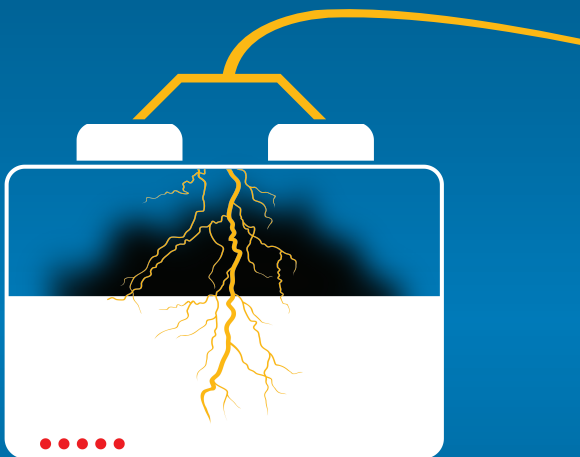
**Desulfate**

**Restore**

**Maintain**

# What is Sulfation?

Sulfation is the accumulation of extremely hard lead sulfate crystals, and is the main reason for capacity and efficiency loss in lead-acid batteries. These sulfate crystals can develop rapidly and cannot be broken down by charging alone.



## How is sulfation costing me money?

Over time sulfation crystals rob capacity from the battery. This causes the battery to need more frequent charging and lose its ability to be fully charged. It also shortens the run time of your equipment and raises labor costs. As the sulfation increases, so does your need to replace your batteries. Desulfate to reduce costs and give them a second life.



Telecom



Material Handling



Solar



Golf Carts



Stationary/UPS



Locomotives

## All-In-One Machine

- Automated Discharge & Restore
- Solutions For Full Range of Battery Specifications
- Simple Touch Screen Programming
- Generates Capacity Report
- Monitors Process Remotely
- Optional Cell Monitoring Sensors Available
- Software & Training Included

# How does Xtender work?

The Xtender utilizes new technology with a high frequency pulsation process to break down these crystals. It is fully automated and in less than 48 hours will safely discharge, desulfate and restore your batteries.



It includes free diagnostic software, which allows you to download detailed battery regeneration reports and is capable of being monitored remotely with Wi-Fi.

## More Information

Contact us for more information about how the Xtender Battery Regenerator can save on battery costs, and grow your business with an added service to your customers!

**Call 1-800-333-1194 or visit our website at [www.batteryrestoration.biz](http://www.batteryrestoration.biz).**

# Battery Monitoring System

The Battery Monitoring Systems (BMS) offers wireless detection of bad battery cells.

- Available in various voltages 2V-12V
- Monitors individual cells wirelessly
- Reports voltage measurement real-time via Wi-Fi
- Ability to observe up to 100 cells simultaneously
- Generates reports on individual cells



The BMS delivers individual voltage measurements of the cells during a complete discharge, to provide a perfect evaluation of your battery. The sensors transfer the voltage of each cell, wirelessly to the receiver. The receiver, connected to a PC, collects the data. With the software program that is supplied, you can now easily detect which cell is no longer keeping its charge and needs to be replaced or regenerated.



# Flight Systems Industrial Products

1-800-333-1194 • [xtender@fsip.biz](mailto:xtender@fsip.biz)

[www.batteryrestoration.biz](http://www.batteryrestoration.biz)

