Flight Systems Industrial Products (FSIP)

With 50 years of experience in remanufacturing and legacy manufacturing, FSIP provides electronic products used on electric and gas powered vehicles and equipment. As an ISO 9001:2015 certified supplier, partnering with FSIP ensures superior and reliable products, while offering choices and significant savings. Alliances with many of the leading electronic and vehicle manufacturers, allows FSIP to deliver products that will assist in the growth of your company and bring you a competitive advantage.

Xtender™ Battery Regenerator

Product Features

- All-in-one machine for discharging, desulfating and recharging
- Fully automated with touchscreen programming of voltage & current
- Solutions for a full range of battery types and specifications
- Generates capacity reports
- Optional cell monitoring sensors available
- Software and updates included

Product Overview

The Xtender is a combination of multi machines and is designed to restore all types of lead-acid batteries commonly used in material handling, golf, telecommunications, UPS, utility and transportation industries. The Xtender is fully automatic with touchscreen programing, giving the user many advantages and requires less attention during the process.

Sulfation of lead-acid batteries is the main reason for capacity and efficiency loss, which is caused by accumulation of extremely hard lead sulfate crystals. The Xtender uses a high frequency pulsation process to break-down these crystals. The regeneration process consists of 5-6 cycles, starting with a controlled discharge, then two restoration cycles followed by another discharge and final restoration.

Software and updates are included and reports provide details of each cycle for record-keeping and to present accurate improvements to your customers. A battery maintenance plan can also be added, to prolong the lifespan of your batteries. Also available are Battery Monitoring Sensors (BMS) that provide accurate data, wirelessly, on the health of individual cells. More details on the reverse side.

Model	Input	Output	Max Amp Hour Rating	Dimensions	Weight
93-M1001	AC 1 PH 220V	1.2V-100V 0-30A	300Ah	24x16x52.5 in	273 lbs
93-M1005	AC 3 PH 220V	1.2V-120V 0-50A	500Ah	24x20x52.5 in	399 lbs
93-M1007	AC 3 PH 220V	1.2V-125V 0-100A	1000Ah	24x20x52.5 in	554 lbs
93-M1007-480	AC 3 PH 480V	1.2V-125V 0-100A	1000Ah	24x20x52.5 in	554 lbs
93-M1009	AC 3 PH 220V	1.2V-75V 0-350A	3000Ah	31.5x39.5x59 in	1100 lbs

FSIP is your single source, with a wide range of products and services.
To learn how Flight Systems Industrial Products can help with your business solutions,
call 1-800-333-1194 or visit www.batteryrestoration.biz.

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Battery Monitoring System

2V-12V sensor modules available with ability to monitor up to 100 cells simultaneously.

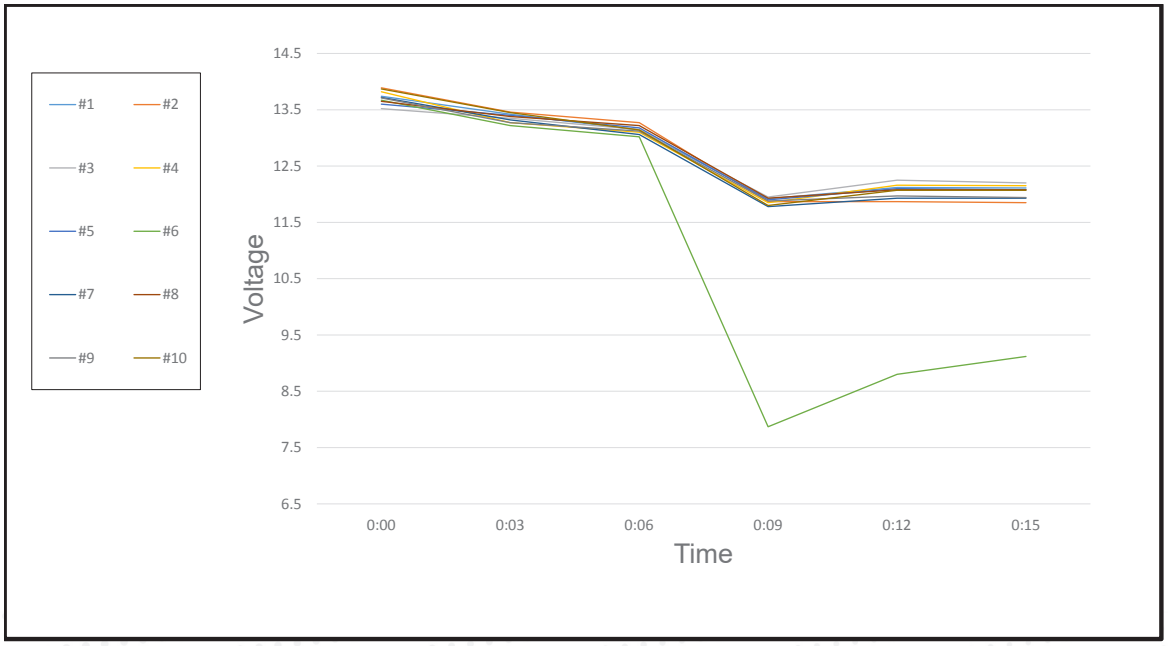
Product Features

- Available in various voltages: 2V, 6V, 8-12V
- Monitors individual cells wirelessly during discharge cycle
- Reports voltage measurement real-time via Wi-Fi
- Generates cell health reports automatically
- Software updates available and included

Product Overview

The Battery Monitoring System (BMS) is designed to provide accurate data collection on the health of individual battery cells. This is most helpful to aid in determining a cell that must be replaced. The BMS is lightweight and versatile, making it a perfect fit for the material handling, golf, telecommunications, UPS, utility and transportation industries.

The proprietary software technology communicates with the sensors, to a receiver and reports real-time to your PC. These results can be printed for record-keeping and to share individual cell health with your customer. To improve the health of your battery, it is best to use the BMS in conjunction with the Xtender Regenerator. More details on the reverse side.



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