

Battery Monitoring



EZSELECT™

IMPROVE EFFICIENCY WITH AUTOMATED BATTERY SELECTION AND REPORTING



**INCREASE
PRODUCTIVITY**



**OPTIMIZE
BATTERY LIFE**



**REAL - TIME
MONITORING**



**DATA-ENHANCED
BATTERY
MANAGEMENT**

The EZSelect™ battery selection system and data portal provide a wide range of information on key performance metrics within your battery rooms and charging areas. This enables you implement changes that optimize fleet size, reduce labor and maintenance costs, as well as improve utilization and service life of your batteries.

Leveraging key data, the EZSelect™ battery selection system helps alleviate common operator battery changing problems such as: confusion over battery selection, selecting the wrong battery, over and under-utilizing batteries, as well as over-sizing your fleet of batteries and chargers. Avoiding these common mistakes can increase your facility's efficiency, improve battery service life and minimize equipment operating costs.

With optimized battery pooling and selection, your operators can instantly identify the best battery to select for their changeout, accelerating the process to help them return to work quickly. This automated system, supported by robust data reporting, also provides insights to help you plan maintenance and purchases in a way that minimizes costs.

WHY PROPER MANAGEMENT IS KEY

Site tests have shown that, if battery selection is left to an operator, 30% of batteries will be underutilized and 20% will be overused. The result: uneven battery usage, premature battery failure and lost productivity.

The EZSelect™ battery selection system enables the most cost-effective utilization of a battery fleet. It ensures proper battery rotation, which is critical to long battery life and maximum run time.

CONTINUOUSLY MONITOR CHARGERS AND PRIORITIZE BATTERY POOLS

With a capacity of up to 350 chargers and 9 battery pools, the EZSelect™ battery selection system controller monitors each charger – tracking battery charging and cooling information. Its controller prioritizes batteries based on readiness for use (charging & cooling times) and displays the best selection on an easy-to-read display. If the operator selects the wrong battery, a wall-mounted speaker immediately alerts them to correct the selection.

EXPERT REPORTING FOR MANAGING OPERATIONS

In addition to ensuring operators comply with the system, the EZSelect™ battery selection system tracks battery room activity to meet fleet demand. Daily alerts and optional monthly reports enable you to hone your operation for maximum efficiency and cost savings. Each day you'll receive a summary of system exceptions for the previous 24 hours, including selection errors and other charging and changing-related events. Monthly reports include a benchmark table for each battery pool and a visual snapshot of status for action items.

PRODUCTIVITY

↑ **65**

HOURS/MONTH

UTILIZATION

↑ **47%**

SELECTION ACCURACY

↑ **74%**

AVERAGE COOL DOWN TIME

↑ **2X**

LONGER

ANNUAL LABOR SAVINGS

\$69,892

BATTERY PURCHASE SAVINGS

\$43,743

TOTAL ANNUALIZED SAVINGS

\$113,635

ESTIMATED 5-YEAR SAVINGS

\$568,175

4 MONTHS ROI

*Results above based on an actual 20-vehicle fleet with an investment of \$39,184.

EZSELECT™ CHARGER SPLITTER™

One of the biggest investments in your battery room is the cost of chargers. They're essential equipment, but are only used an average of 22% of the time.

The EZSelect™ Charger-Splitter™ can double charger utilization and reduce initial charger investment by up to 50%. Whether in a new facility, or at an existing facility going through renovation, or battery room reconfiguration, the EZSelect™ Charger-Splitter™ can halve the potential chargers required to support your operation.

