



iBOS
Intelligent Battery Organizing System

Finally, you can eliminate costly operator error in battery selection.

iBOS Intelligent Battery Organizing System

When a forklift truck needs a new battery, most operators will choose the closest or visibly cleanest battery. That's an easy choice for the operator but poor management for the fleet. In fact, site tests show that if battery selection is left to each operator, 30% of battery locations will be underutilized and 20% will be overused.

Within a few years, an unmanaged fleet of batteries will consist of many that are old and tired before their time, while other batteries are virtually unused. This mixed fleet will eventually suffer from premature battery failure and variable work shift lengths.

Until now, companies have solved this problem in ways that are...**too expensive**. Some companies simply dedicate two or more batteries to each truck, so they own many more battery assets than they really need. **Too complicated to work**. Some companies create complicated numbering systems that operators rarely follow, even after expensive training. **Even more expensive**. Some companies have actually hired a full-time monitor for the battery room.

The Uncomplicated, Cost-Effective iBOS Solution

Philadelphia Scientific, the recognized leader in cost-effective battery management, introduces iBOS, the first practical solution to the problem of operator error in battery selection. iBOS solves the problem with an electronic display that clearly indicates which is the "best" forklift battery to select from those in the queue. When operators always select the best battery, all battery assets are used evenly, and that leads to longer life and fewer failures.

Downloadable reports help you make sure you have the optimum number of batteries for your fleet's usage patterns, and that all your battery room equipment is in working order.

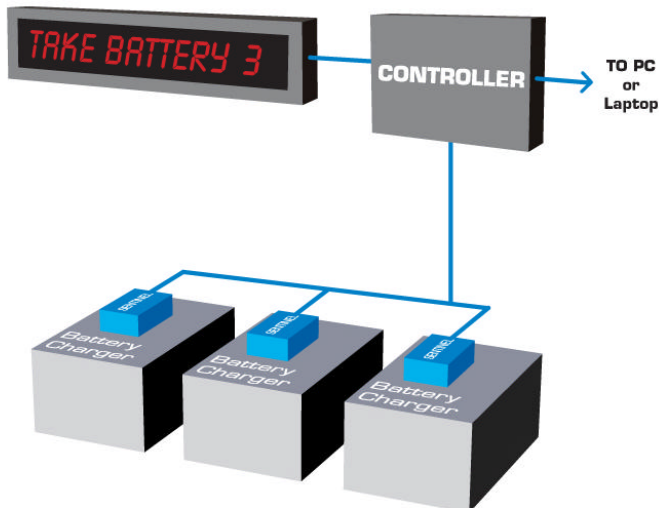
Philadelphia Scientific
Industrial Battery Solutions

iBOS Features & Benefits

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Identifies the "best" next battery to take.

iBOS eliminates errors in operator judgment by displaying the location of the battery that has been cooling the longest after charge.



Promotes longer battery life.

By sequencing each battery in the order it has finished charging, iBOS makes sure each battery in the fleet is evenly used, leading to longer battery life.

Helps identify faulty equipment.

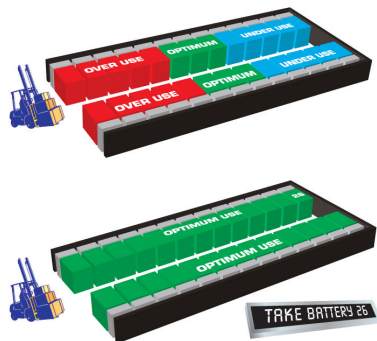
Diagnostic Reports show any charger location that has not been used recently, an indicator of faulty equipment.

Helps reduce "favorite battery" misuse.

iBOS can be equipped with a recordable, audible alarm that triggers when an operator incorrectly takes a ready battery that is not the next battery in the queue. Out-of-sequence picks are also recorded in the Diagnostics Report.

Helps you decide if you have too many or too few batteries.

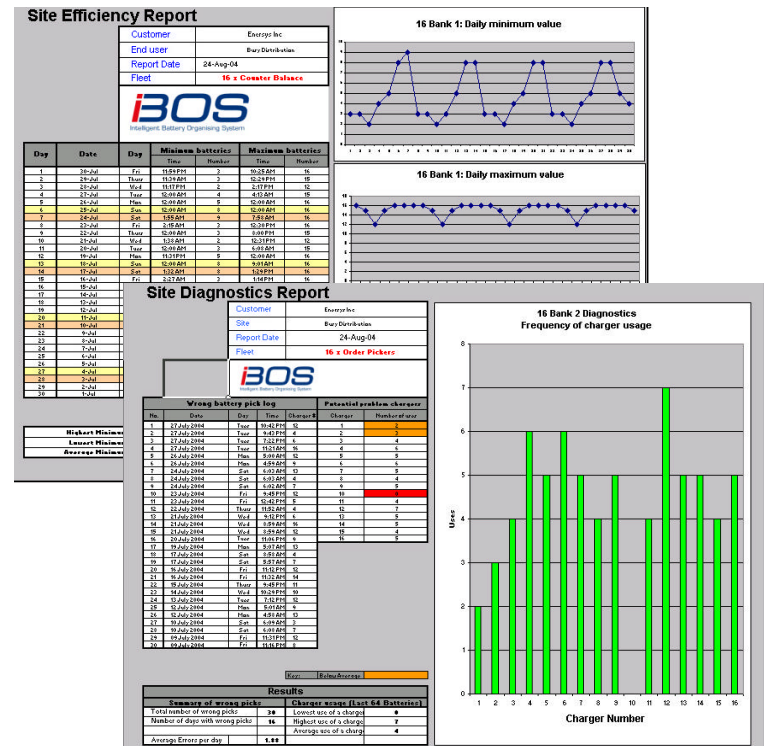
Efficiency Reports show when you run out of batteries and when there are too many batteries standing idle.



iBOS Reports Drive Intelligent Decisions

iBOS produces intelligent, actionable reports on your laptop or on-site computer, based on the data it gathers during continuous monitoring.

Efficiency Reports display the maximum and minimum number of batteries available over the last 30 days. Individual dates and trends are recorded to optimize usage, allowing you to highlight days with excessive workloads. Use this data to make sure your battery fleet size is compatible with your application.



Diagnostic Reports display the recent usage pattern of all charging locations. At a glance, you can see if all charging bay equipment is functioning properly. Reports also record when a battery has been taken from the wrong place in the queue. Use this information to identify faulty equipment and to remind operators to choose the best available battery, not the nearest or their favorite.

iBOS can extend battery life, reduce battery fleet size and decrease costs. For more information, contact Philadelphia Scientific today.



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