

iBOS Pro

Cost effective battery management for multi-level battery racks

The most powerful and most configurable iBOS system is capable of managing up to 200 chargers in up to 9 battery pools. This system is designed for larger battery rooms that have multi-level battery racks and utilize a battery changer. With a subscription, it allows connection to the iBOS World Web Service via the Internet for up to five years of management reporting and fleet right sizing information. With its list of optional accessories, iBOS Pro is easily configurable to give you the best fit for your battery room.

iBOS Pro Features:

Included Features:

- Manages up to 200 chargers and up to 9 battery pools. (A pool is a group of the same battery/truck type.)
- Easy to use “read and react” system. Built-in color touch screen and bright blue pick lights on each charger tell operators the correct battery to pick next.
- Built-in shouter alarm alerts the operator, with a loud alarm, when the wrong battery has been selected.
- Summary statistics on good & bad battery selections and a graph of battery availability for the past seven days can be viewed on the touch screen.
- Built in UPS to protect against power outages and power surges.

Optional Components:

- Cellular Modem for Web Connectivity: Transmit data from the Controller to the iBOSWorld Web Service via the cell phone network rather than LAN based connection.
- Wireless display: Color touch screen display puts all of the battery selection information right on the battery changer for the operator to use.
- Scrolling Display: Bright scrolling LED sign tells operators which battery is to be selected next. One display per battery pool.
- Remote Shouter: Additional Shouter can be remotely mounted away from Controller for larger battery rooms.





VANDAPOWERR



Benefits of the iBOS Pro and iBOS Plus battery room management systems

Changing batteries on an electric forklift truck can be a confusing, time consuming process that, when done incorrectly, leads to shortened battery run times and battery life. The bigger the battery room the more confusing it becomes and the more expensive the problems become. The typical non-managed battery room does not use their batteries correctly and managers typically guess at the correct number of batteries to purchase. This all leads to wasted money, time and effort.

An iBOS system eliminates the guesswork and the worry involved with managing your battery room and saves you money while it does it. It enables a Lean approach to managing your battery room. An iBOS system will bring you the following benefits:

- Simplified and directed battery selection to make sure that all batteries are fully charged and properly cooled down. Operator judgment is eliminated.
- Faster battery changes: Save 2 to 5 minutes per change.
- Fewer battery changes: 30 minutes longer battery run time resulting in 10 to 20% fewer battery changes.
- Longer battery life: 6 months additional life due to longer battery cool down. This leads to fewer battery purchases each year.
- More accurate battery purchases. Right-size your battery fleet with information that saves tens of thousands of dollars per year.
 - Too many batteries wastes capital
 - Too few batteries decreases productivity
- Greater battery room visibility. Identify non-working equipment and problems in the battery room via management reports.

