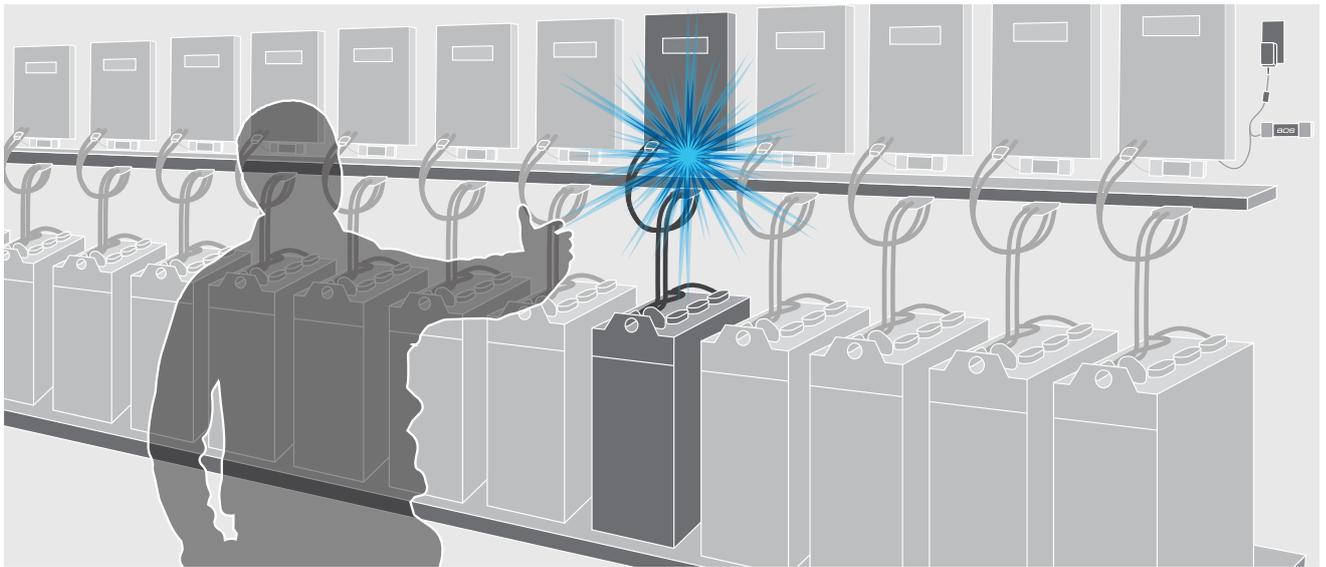


## iBOS® Lite

### The simplest way to manage your battery room



**iBOS Lite saves money in your warehouse or facility by eliminating waste and increasing productivity. There is no cheaper way to effectively manage your battery fleet.**

Changing batteries on an electric forklift truck can be a confusing and time-consuming process. When done incorrectly this leads to shortened battery run times and reduced battery life.

iBOS Lite provides a simple, cost-effective solution that takes the guesswork out of choosing the correct battery (the battery that is fully charged and most cooled down). It's really easy to use - just follow the blue light. iBOS Lite manages up to 50 chargers for each battery type and multiples can be used for larger fleets.

By using the iBOS Lite, battery life will be maximised and your truck runtime will increase giving you improved site productivity.

#### **The system saves money in three ways:**

- 1. Faster battery changes.**
- 2. Less frequent battery changes.**
- 3. Longer lasting batteries, reducing the frequency of battery purchases.**

*“We added a half hour of run time to our batteries by letting iBOS manage the selection process for us.”*

**U.S. Clothing Retailer Maintenance Manager**

## Technical information

### Features

- **Simple operation** - Bright, easy-to-see blue light tells you which charger to go to for the fully charged and most cooled down battery.
- **Protected** - Pick light is in enclosed container protecting it from dirt and grime.
- **Simple installation:**
  - Universal voltage Sentinels and Controller
  - Cable is included with Sentinels and Controller
  - Daisy-chained data cable connections mean only 15 minutes of installation time per charger
  - Charger labels are not required
  - Can be done with local maintenance staff and standard tools
  - No certified installation required and no system configuration needed

### Benefits

- **Balanced battery selection** - Simplified and directed battery selection to make sure that all batteries are fully charged and properly cooled down
- **Faster battery changes** - save 2 to 5 minutes per change
- **Fewer battery changes** - 10 to 20% fewer battery changes and 30 minutes longer battery run time.
- **Longer battery life** - (6 months additional life) due to longer battery cool down times, which equates to fewer battery purchases each year.



### Components

#### System Controller

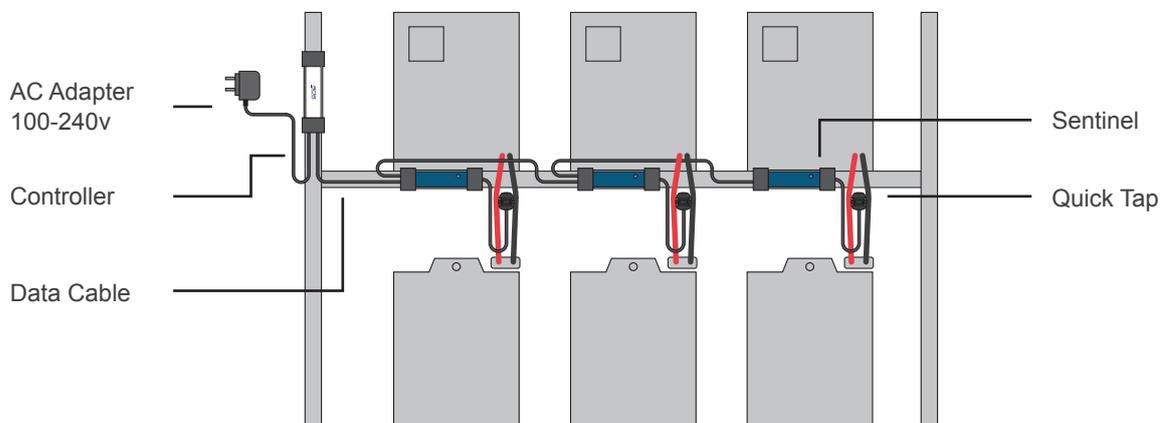
A controller controls up to 50 Sentinels in one pool (a pool is a group of the same battery type). Only one Controller per pool is needed. Controller includes:

- Controller
- Power supply - Input: 100 - 240 VAC 50/60 Hz
- 2 sets of data cable: Each set includes 25 feet (7.6 m) of data cable with one coupler

#### Sentinel

A sentinel constantly monitors the charger voltage to establish the charge status of a battery. One Sentinel is required for each charger in your pool.

- **Universal voltage** - Works on all High Frequency, SCR and Ferro Resonant chargers in a conventional, battery change application
- **Sentinels work from 12 to 80 Volts DC** - All chargers within the pool must be the same voltage. There's no need to specify battery voltage. Sentinels are installed in a daisy chain-style connection.
- **Includes data cable** - Includes 7 feet (2.1 m) of data cable to interconnect
- **Quick tap connection to DC cable**



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