

TOBi P.I. Wi-z Wireless Data Logger

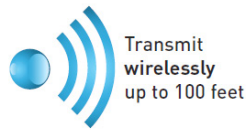
Total On-Board Battery Information - Automatically Downloads Data Wirelessly

Features

1. Sleek, compact size: 3.5" long x 1.56" wide x .875" high. Easily fits at or below most battery intra-cell straps
2. Composite molded enclosure
3. Waterproof
4. Battery acid resistant
5. Combination thermistor and electrolyte indicator
6. Electrolyte level sensor maintains a record of electrolyte levels for proper battery maintenance and diagnosis
7. LEDs for temperature and water level status
8. Easy installation. No welding of shunts; no straps to remove; 15-minute installation by non-technical personnel
9. All new TOBi Report Suite



TOBi Stores 4000 Previous Battery Events



Transmit wirelessly up to 100 feet

Works independently of other wireless networks and will not cause interference with existing Wi-Fi networks. Auto selects between 16 channels.



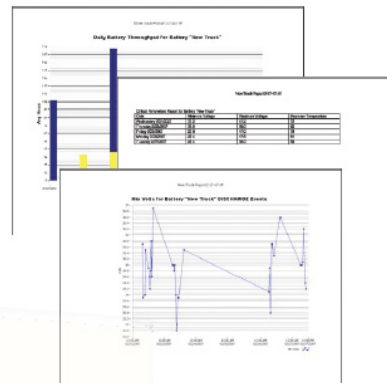
Monitoring Advantages with the P46-304 Control

When a charger equipped with the P46-304 control is connected to a TOBi Wi-z equipped battery, the P46-304 Control can communicate with the TOBi Wi-z and battery.

- Battery charge data can be stored in the TOBi Wi-z and communicated to the charger so that a customized charge is delivered.
- Real time battery temperature readings allow the charger to deliver a temperature-compensated charge. As the battery temperature rises, the charger control automatically adjusts the output of the charger, protecting the battery from dangerous over-heating.
- Batteries of different DC voltages and/or amp-hour size can be charged with the SBS MicroSMART MXT charger.

The TOBi P.I. Wi-z allows you to monitor the usage and health of your battery on a daily basis. It captures and stores critical lifetime data which facilitates replacement budgeting and battery warranty.

1. Critical battery parameters are continuously monitored and recorded.
2. Lifetime amp-hours throughput data are recorded.
3. Lifetime minimum, maximum and average battery temperature are recorded.
4. Used as a diagnostic tool, continuous monitoring of battery events allows for accurate identification of performance issues.
5. Continually monitors and records electrolyte levels and gives red LED indicator on face of the TOBi P.I. Wi-z when attention is required.
6. The TOBi P.I. Wi-z excels at identifying performance indices for an application. This allows for better asset management such as implementing opportunity charging or identifying a need for additional batteries in fleet. Armed with accurate, timely information, you can re-assign assets based on different shift demand and usage.



Monitor and Record

- Battery temperature
- Electrolyte level
- Amp hour throughput
- Battery voltage
- Charge/discharge cycles
- Battery idle time
- Lifetime data record