

# PowerTrac 3 Battery Monitoring System

Attached Wireless Battery Monitor allows for Remote Monitoring



PowerTrac 3 is a high performance, wireless electronic battery monitoring device that attaches to your battery to gather battery operation details. You can remotely monitor your battery operating parameters across your entire fleet. The PowerTrac 3 continuously acquires battery parameters, processes information and stores relevant data when an event change occurs.

The PowerTrac 3 tracks and records key battery parameters during charge, discharge and idle operation of the battery. It can store up to 10,000 events and has wireless data transfer through the PowerTrac Link USB communication device.

## Features

- Tracks and logs battery voltage, battery temperature, battery current and electrolyte level
- Extends battery service life and reduces maintenance cost
- Tracks battery performance over its life
- Helps to oversee and schedule maintenance operations
- Discrete electrolyte level sensing
- Predicts battery replacements
- Helps identify and solve battery/truck field problems
- Wireless data transfer with superior microprocessor controls
- Non volatile memory
- Battery management software included to help analyze your data wirelessly
- Non-invasive installation
- Provides timely data about forklift battery
- Quick access to battery reports
- Efficiently manage battery utilization
- >10,000 stored events

## Benefits

- Extend battery life
- Eliminate extra batteries
- Avoid unscheduled downtime
- Increase energy efficiencies
- Decrease maintenance costs



PowerTrac Link USB\*

Specifications	
Current Monitoring	Shuntless intercell sensing or hall effect sensing
Temperature Monitoring	External thermistor
Electrolyte Level Monitoring	Standard electrolyte sensor with a variable length probe
Nominal Battery Voltage	24-84V
Operating Voltage	18-120V
Bi-Directional Current Measurement	±500A typical 1 A resolution
Voltage Accuracy	0.1V
Real Time Clock	Time keeping and stamping of data
Operating Temperature	-13°F to 140°F (-25°C to 60°C)
Dimensions	4.25" L x 1.5" W x 0.6" H
Communication Interface	900Mhz industrial wireless
Data Storage	10,000 events
Data Collection	Upload data to PC via PowerTrac Link*
Wireless Range	Up to 150 ft.
Packaging	Water and acid resistant
Power Consumption	½ Watt nominal
Protection	Internal fuse and external in-line fuse, reverse polarity protection

\*PowerTrac Link sold separately