



ACTUAL SIZE

# PowerTrac 3

## BATTERY MONITORING SYSTEM

The PowerTrac 3 is a high performance, wireless electronic battery monitoring device that attaches to your battery providing battery operation details. The PowerTrac 3 allows you to remotely monitor battery operating parameters across your entire fleet to avoid unscheduled downtime, maximize utilization and extend the life of your forklift batteries. The PowerTrac 3 continuously acquires battery parameters, processes information and stores relevant data when an event change occurs. The PowerTrac 3 tracks and logs battery voltage, battery temperature, battery current, and electrolyte level.

The PowerTrac 3 tracks and records key battery parameters during charge, discharge and idle operation of the battery. The PowerTrac 3 uses up to 90% less energy than previous models. It can store up to 10,000 events and has wireless data transfer. The new PowerTrac is more compact, less invasive, and easier to install due to a shuntless design. The PowerTrac 3 strengthens your ability to manage battery life, maintenance and battery usage.

### Features

- + Extends battery service life and reduces maintenance costs
- + Tracks battery performance over its life
- + Communicates with the REVOLUTION charger allowing the charger the ability to automatically recognize the battery voltage (24/36/48)\* and AH capacity
- + Helps to oversee and schedule maintenance operations
- + Discrete electrolyte reporting
- + 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



powertrac<sup>3</sup>

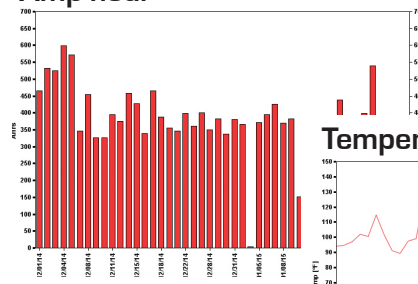
## Critical information at your fingertips

- + Non-invasive installation
- + Provides timely data about forklift battery
- + Quick access to battery reports
- + Efficiently manage battery utilization
- + >10,000 stored events

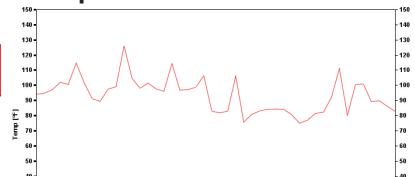
## Sustainability

- + Extend battery life
- + Eliminate extra batteries
- + Reduce energy costs
- + Increase energy efficiencies
- + Decrease maintenance costs
- + Integrated Power Line Communication (PLC) providing seamless integration with REVOLUTION chargers

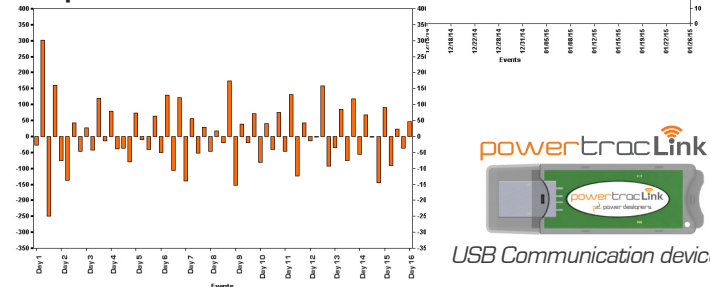
Amp-hour



Temperature



Amp-Hours Per Event



USB Communication device\*

## PowerTrac 3 Specifications

Models	PT3
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	24V-84V
Operating Voltage	18V- 120V
Bi-Directional Current Measurement	+/- 500A typical 1A resolution
Voltage Accuracy	0.1V
Real Time Clock	Time keeping and stamping of data
Operating Temperature	-25°C to + 60°C (-13°F to +140°F)
Dimensions	4.25"L x 1.5"W x .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'
Packaging	Water and acid resistant
Power Consumption	1/2 Watt nominal
Protection	Internal fuse and external in-line fuse Reverse Polarity Protection

\*48V chargers are capable of charging 24/36/48 batteries  
36V chargers are capable of charging 24/36 batteries

\*PowerTrac Link sold separately



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