

# Get The Most Out Of Your Electric Fleet

# POSICHARGE™ E-METER

Wireless Electric Fleet Energy Meter

## 1 INNOVATIVE

Unparalleled ability to measure & analyze exact, real time electric forklift energy usage.

## 2 EASY SETUP

Portable & convenient to ship. Compact box design - fits right into the battery compartment. Installs in 5 minutes.

## 3 HASSLE-FREE AUTOMATED DATA COLLECTION

Cellular communication for data capture. Ability to record up to 4 weeks of data.

## 4 CUSTOMIZED COST-SAVING FLEET SOLUTION

Data collected is used to create a detailed electric fleet profile and recommendations.



The PosiCharge™ E-meter captures energy and usage data of your existing electric fleet automatically without operator or maintenance staff management. Using a real-time clock, the E-meter monitors and records truck data and generates reports and analyses that identify opportunities for improved efficiency. The E-meter is designed to work in all ambient conditions including freezers.

With the data captured, our team will prepare a comprehensive analysis that includes critical factors like operating costs, productivity, capital expenses, and employee safety. Our custom cost-saving recommendation is guaranteed to improve the efficiency and productivity of your operation.

## SPECIFICATIONS

- » Compatible with a wide array of equipment, from a 24V pallet jack up to a 80V forklift
- » Dimensions: 1.5" x 6.5" x 9.5"
- » Input Voltage: 24-96VDC nominal
- » Connectors: SB350
- » Cable size: ≥3/0 welding cable
- » Peak Current: 1000Amps

## APPLICATIONS

- » Truck Utilization Assessment
- » Electric Fleet Optimization
- » Truck Energy Consumption
- » Charger System Configuration
- » Battery Health Analysis
- » Charger Performance Analysis

## BENEFITS

- » Real time fleet data identifies energy usage, battery health and charger performance analysis, lost productivity, and billing discrepancies.
- » Comprehensive analysis for fleet optimization includes operating costs, productivity, capital expenses, and employee safety.
- » Cost-saving recommendation for charging solution and battery sizing.

# SAMPLE OF DATA INCLUDES

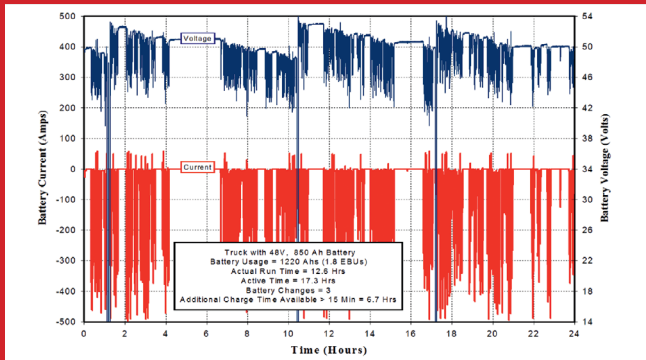


Figure 1. Energy Usage

Track the battery charges, Ahr throughput, battery usage, available charge time, and confirm operating schedule.

Day	Dis Ahrs	Dis kWhrs	Run Time	Idle Time
Thursday	-1158.2	-55.59	12.9	11.1
Friday	-1036.2	-49.74	10.9	13.0
Saturday	-441.1	-21.17	4.3	19.7
Sunday	-240.7	-11.55	1.8	22.1
Monday	-559.8	-26.87	8.5	15.4
Tuesday	-1220.1	-58.56	12.6	10.2
Wednesday	-755.0	-36.24	6.6	17.3

Figure 2. Daily Summary Report

Track daily usage and available charge time for the week. The highest daily usage in Ahrs is used to size your charging system and your weekly battery equalization schedule.

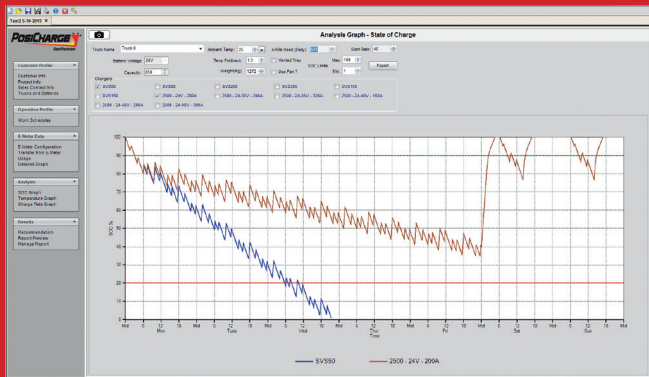


Figure 3. PC Application

View battery state-of-charge simulations and optimal charger configurations using data from the E-meter.

## BEFORE

BATTERY ROOM + 1 TRUCK + 2 BATTERIES  
 WASTED PRODUCTIVITY & REAL ESTATE  
 ACCIDENT-PRONE WORKPLACE



## WITH POSICHARGE

1 TRUCK + 1 BATTERY (NO BATTERY ROOM)  
 RECOVERED REAL ESTATE + PRODUCTIVITY  
 SAFER WORKPLACE + STREAMLINED WORKFLOW

