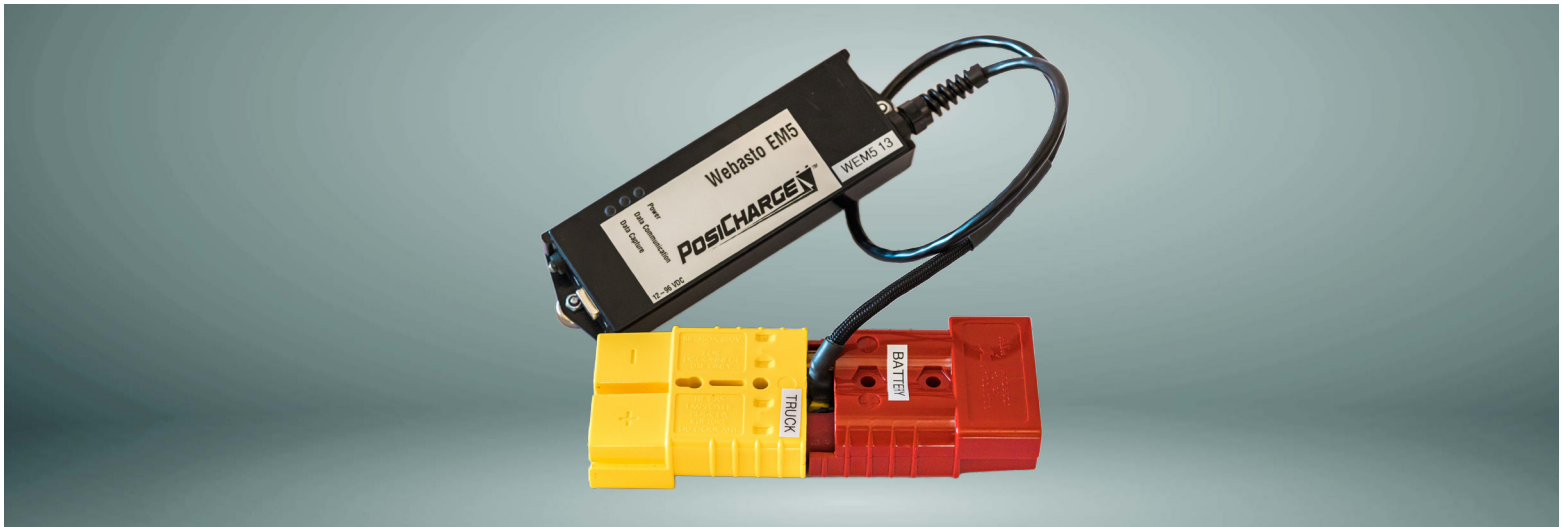


E-Meter

Wireless Electric Fleet Energy Meter



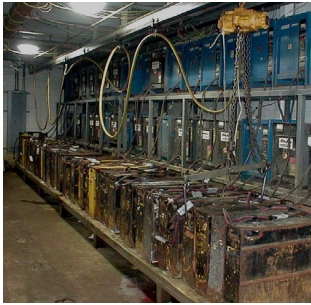
Optimize Electric Fleet Operations

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.

Key Features:

- Compatible with a wide array of equipment, from a 24V pallet jack up to a 80V forklift
- Unparalleled ability to measure & analyze exact, real-time electric forklift energy usage
- Portable & convenient to ship. Compact box design - fits right into the battery compartment. Installs in 5 minutes
- Cellular communication for data capture. Ability to record up to 4 weeks of data
- Data collected is used to create a detailed electric fleet profile and recommendations
- 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.



BEFORE

Battery Room + 1 Truck + 2 Batteries
Wasted Productivity & Real Estate
Accident-Prone Workplace

Figure 1. ENERGY USAGE – Track the battery charges, Ahr throughput, battery usage, available charge time, and confirm operating schedule.

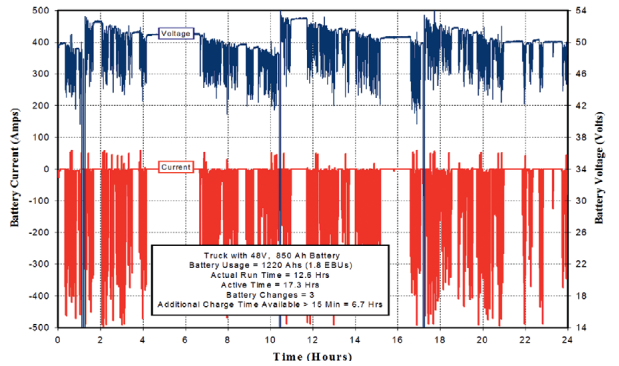
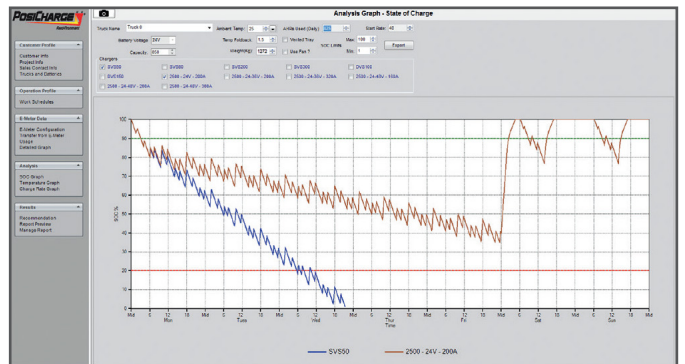


Figure 2. DAILY SUMMARY REPORT – Track daily usage and available charge time for the week. The highest daily usage in Ahrs is used to size your charging system and your weekly battery equalization schedule.

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



Applications:

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

Technical Specifications

Battery Compatibility	24 to 80V batteries
Dimensions, H x W x D	1.5" x 6.5" x 9.5"
Current Measurement Range	+/- 1000 amps
Input Voltage	24-96VDC nominal
Connectors	SB350
Cable Size	≥3/0 welding cable

PosiCharge is a product line of Webasto Charging Systems, Inc.
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