

SBO™

SINGLE BATTERY OPERATION

Designed by Aker Wade®, the SBO™ system includes chargers, battery monitoring devices and management software — everything a lift truck fleet needs to eliminate battery changes, increase productivity and go green.

POWER

MONITOR

CONNECT

CONTROL

DC PowerLogger™

Start Measuring, Start Managing

Connect this compact, acid-resistant monitoring device to any brand of battery in any lift truck or charging application and start tracking everything you need to know to optimize your lift truck fleet:

- Battery temperature, charge return and equalizations.
- Truck utilization.
- Maintenance needs and corrective actions.

The DC PowerLogger™ records every second of a battery's operating details for analysis in our Motive Power Manager™ (MPM™) software. MPM transforms raw data into actionable management reports.



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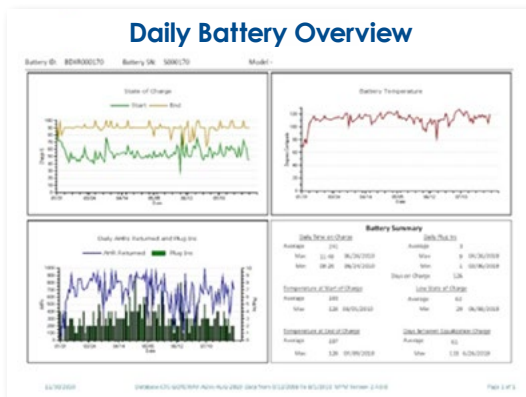
DC PowerLogger™

Standard & Optional Features

Current Monitoring	Hall effect sensor	Standard
Temperature Monitoring	Internal sensor or external thermistor	Standard internal, optional external
Electrolyte Level Monitoring	Electrolyte sensor	Optional
Charger Connection	RS 232	Optional
Fan Connection	For DC CoolMAX™ fan control	Optional

STANDARD SPECIFICATIONS

Nominal Battery Voltage	24v-80v
Operating Voltage	12v-110v
Operating Temperature	-20° C to 70° C (-4° F to 158° F)
Bi-Directional Current Measurement	Allows for throughput data collection using a Hall effect sensor which can measure +/- 600A, accurate to +/- 1.5%.
Voltage Measurement	Continuous monitoring of overall battery voltage, accurate to +/- 0.1v. Can be installed on truck or battery.
Temperature	With optional temperature sensor, accurate to +/- 2° C (3° F)
Interface	Class 1 Bluetooth® communication interface
Real Time Clock	Time keeping and stamping of data
Data Collection	Upload data to PC or Gateway™ via Bluetooth
Data Storage	4000 event log records
Wireless Range	Up to 100m (328ft)
Power Consumption	1 Watt
Protection	Over voltage; Reverse Polarity Protection
Packaging	Waterproof and acid resistant; flame retardant to UL 94V-2
Dimensions W x D x H (mm)	101.6 mm x 43.2 mm x 25 mm (4.0 in x 1.7 in x 1.0 in)
Certifications	UL; cUL



Motive Power Manager™ (MPM™) software analyzes DC PowerLogger data so you can easily maximize personnel and asset performance, minimize asset inventory and increase productivity. Ask your Aker Wade® representative for details.

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