

✚ The BLU is a Battery Logging Unit used to measure and collect critical data from a vehicle for use in evaluating applications and equipment

## BLU - BATTERY LOGGING UNIT

How many batteries are needed?

Will opportunity charging work in this application?

Why isn't the battery lasting a full shift?

These are just a few of the questions that can be answered with Ecotec's BLU. The BLU can be quickly and easily installed on an electric vehicle. Once installed it immediately starts monitoring the battery's usage. With Ecotec's USB Gateway & Service Tool Software, the collected data is transformed into easy to read charts and graphs.



ECOTEC BLU

## ✚ BLU BASIC FEATURES

### ➤ Wireless Communication

The BLU and USB Wireless Gateway provide a fully FCC certified communications system for data transfer and communication.

### ➤ Easy Installation

With 10" cables and SB 350 connectors on each side, the BLU easily fits into most lift truck configurations. Each BLU kit includes adhesive magnetic strips to secure the BLU to the side of the battery or truck.

### ➤ Rugged Enclosure

The polycarbonate case of the BLU ensures that it will survive even the most abusive applications. A tight seal keeps the electrolyte and dirt on the outside preventing damage to the internal electronic components. Rated to IP65.

### ➤ Accuracy

All current measurements are accurate to within +/- 0.5% and all voltage measurements are accurate to within +/- 0.1%.

➤ Locking, foam lined case protects the BMU and allows for easy shipping

➤ LED status indicator

➤ Stores up to 500 days of cumulative data

➤ Works with Ecotec's Service Tool Software and USB Gateway



**Battery Logging Unit**



# BLU FEATURES

➤ **Battery History Logs**

The BLU has two data storage modes. In the popular DAILY mode, the BLU can store up to 500 days of cumulative data, displayed in daily increments. In CYCLE mode, the BLU stores data as charge/discharge cycles, with up to 500 complete cycles being stored.

➤ **Event Log**

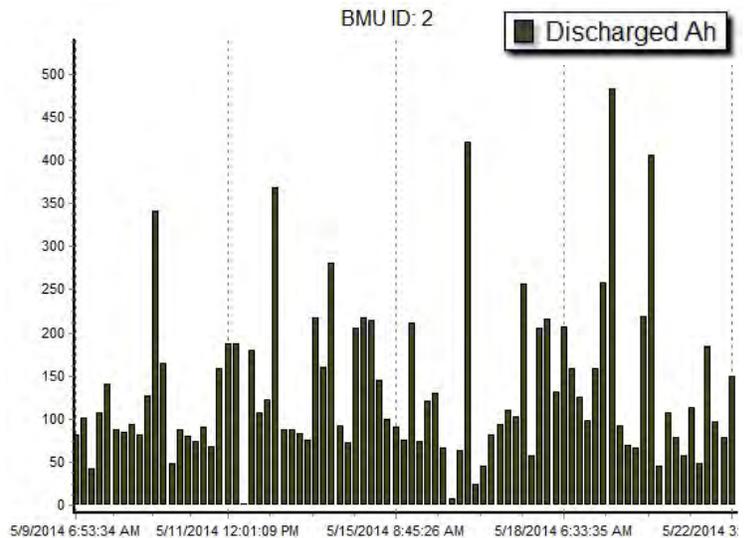
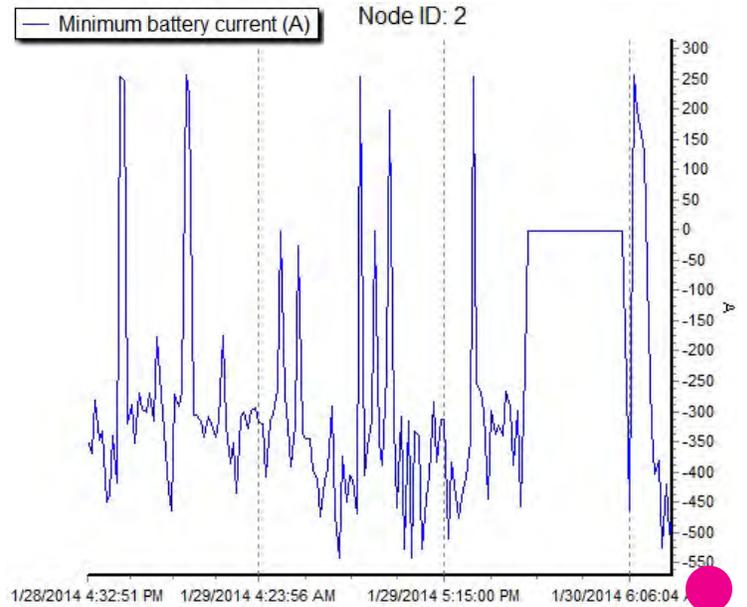
The BLU stores over 100 events that include battery faults, providing quick insight into abnormal battery performance. This allows fast and focused analysis of any battery issue.

➤ **Instant Log**

The BLU stores over 15,000 data points when instant logging is enabled. Log periods can be programmed from 1 second to 18 hours, allowing high resolution data to be continuously recorded over periods ranging from a few hours to several weeks. Recorded data includes the minimum, maximum, and average of battery voltage, and current for each log period.

➤ **Battery AH recording**

The BLU records the total battery Ampere Hours (AH) discharged and charged during the time it is installed between the battery and the truck. Total discharge and



**USB WIRELESS GATEWAY**

**KNOW THE APPLICATION,  
MEASURE - DON'T GUESS**