

# E Meter Battery monitor

## 9 Reasons To Own An **E-Meter**:

1. The **E-Meter** tells you Amp-hours consumed: Amp-hours are how battery capacity is rated. You simply tell the **E-Meter** your battery capacity and a powerful microprocessor tells you how much of your battery capacity has been used and how much operating time remains.
2. You'll get battery state-of-charge at a glance: We've put an accurate "fuel gauge" indicator on the **E-Meter**. This multi-colour bar graph even flashes red to warn you it's time to recharge.
3. Time of Operation Remaining is shown: The **E-Meter** tells you how long you can operate at the present power consumption rate. It also lets you look at loads over several time intervals: instantaneous, 4-minute, 16-minute and 32-minute averaging is available. This means that even with loads that cycle on and off, the **E-Meter** gives you the whole picture.
4. The **E-Meter** is a digital Volt Meter: This is vital if you ever need to troubleshoot your DC system. You can monitor charging sources and spot dangerous over-voltage or under-charging conditions which can ruin your batteries!
5. It's a Digital Ammeter: The **E-Meter** reports how much current is being used by various DC devices. You can make intelligent decisions about power consumption.
6. Battery History: The **E-Meter** tracks the number of recharge cycles your battery has experienced, the average depth of discharge, and the greatest depth of discharge. Managing your batteries for long life and high performance has never been easier!  
Optional: RS-232 computer output for logging of data. Perfect for laboratory and development applications.
7. The **E-Meter** automatically scans the major functions: Volts, Amps, Amp-hours/kilowatt-hours and Time Remaining. When you've got your hands full, the **E-Meter** display is hands-free!
8. The **E-Meter** adapts to its environment: Under low light conditions, a photo-sensing device on the front panel of the unit dims the display level so you don't "blast your eyes". The display becomes brighter as ambient light increases. This feature keeps **E-Meter** power consumption to a minimum.
9. Installation is a Snap: If you can handle a drill, a screw-driver, and follow clear, step-by-step instructions, you can install the ultimate battery monitor, the **E-Meter**.

Our Reputation depends on it

## Great Specifications!

### **VOLTAGE:**

Standard Model: 0-50V  
0-100V or 0-500V with optional prescaler

### **AMPERAGE:**

0-500 Amps

### **AMP-HOURS:**

1999 Amp-hours

### **TIME REMAINING:**

0-255 Hours

### **POWER REQUIREMENTS**

9.5-40 Volts DC

Current: 150mA (Full Daylight Brightness)

28mA Bar Graph Only (Sleep Mode)

### **ACCURACY:**

Voltage: 0.05V (0-19.99); 0.10V (20.0-50.0V)  
1.0V (0.500)

Amperage: 0.2A (0-40.0A); 2A (40-500)

Amp-Hours: Less than 0.5% error based  
on testing.



E Meter or Link 10