



## IEEE / NERC Ultra Plus Battery Testing Kit



Complete Ultra Plus Kit

### Product Overview

The Ultra Plus Kit is the complete solution for testing per IEEE and NERC standards. The Ultra Plus Kit has three parts: an IBEX-Ultra Portable Ohmic Battery Tester, SG-Ultra Digital Hydrometer, and Exmons Ultra+ All-in-One Management Software.

The Ultra Plus Kit tests internal resistance, voltage, connection resistance, temperature, DC current, ripple current, specific gravity (state of charge), and electrolyte temperature. Eagle Eye's IEEE/NERC Kits are completely customized to meet your specific battery testing requirements. Let us know your specific applications, testing requirements and budget, and we can tailor a battery testing kit to fit your needs.

### Features

- Complete Battery Testing Kit meets IEEE/NERC Requirements for battery maintenance
- Measures: Internal Resistance, Voltage, Inter-Cell Resistance, Temperature, DC Current, Ripple Current, Specific Gravity and Electrolyte Temperature
- Store up to 4,800 results with IBEX-Ultra and 1,100 with SG-Ultra
- Exmons Ultra+ Software included for All-in-One battery management

### Technical Specifications

<b>IBEX-Ultra Key Specs:</b>	<b>Battery Capacity Range:</b> 10 – 6000 Ah <b>Voltage &amp; I.R. Range:</b> 0.1 – 60 VDC / I.R. – 50 VDC <b>Internal Storage:</b> 600 or 4800 Test Results, 4 or 80 Battery Models <b>Resolution:</b> Voltage: 10 mV Resistance: 0.001 mΩ Temperature: 0.5 °C (0.5 °F) <b>Accuracy:</b> DC Voltage: ±0.5% Internal Resistance: ±0.5% Temperature: ±2.0%
<b>SG-Ultra Key Specs:</b>	<b>Measurement Range:</b> Density: 0.000 – 2.000 g/cm <sup>3</sup> Sample Temperature: 0° – 40 °C (32° – 104 °F) Viscosity: 0 – 2,000 mPa <b>Internal Memory:</b> 1100 Results <b>Resolution:</b> 0.0001 g/cm <sup>3</sup> <b>Accuracy:</b> Density: 0.001 g/cm <sup>3</sup> Temperature: ±0.2 °C (±0.4 °F) <b>Operating Environment:</b> 10 – 50 °C (-15 – 122 °F)

### IEEE / NERC Requirements

- Meets IEEE Standards: **450-2010, 1188-2005, 1106-2005**
- NERC Compliance: **PRC-005-6**



### Kit Includes

- IBEX-Ultra Kit
- SG-Ultra Kit
- Exmons Ultra Plus Management Software

### Ordering Information

Model No.	Description
Ultra Plus Kit	IBEX-Ultra Battery Tester, SG-Ultra Digital Hydrometer, Exmons Ultra Plus Software