

## IEEE / NERC Ultra Max Plus Battery Testing Kit

Model # ULTRA-MAX-PLUS-KIT



Complete Ultra-Max-Plus Kit

### Product Overview

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

The Ultra-Max Plus Kit tests internal resistance (internal ohmic values), voltage, inter-cell resistance (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 1,024 with SG-Ultra Max
- Exmons Ultra+ Software included for All-in-One battery management
- Measures and Stores Results in 3 seconds

### Technical Specifications

<b>IBEX-Ultra Key Specs:</b>	<p><b>Battery Capacity Range:</b> 5 – 6000 Ah  <b>Voltage &amp; I.R. Range:</b> 0 – 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  <b>Accuracy:</b>          DC Voltage: ±0.5%          Internal Resistance: ±0.5%          Temperature: ±2.0%</p>
<b>SG-Ultra Max Key Specs:</b>	<p><b>Measurement Range:</b>          Density: 0.000 – 3.000 g/cm3          Sample Temperature: *0 – 80 °C (32 – 176 °F)          Viscosity: 0 – 1,000 mPa  <b>Internal Memory:</b> 1024 Results  <b>Resolution:</b> 0.0001 g/cm3  <b>Accuracy:</b>          Density: 0.001 g/cm3          Temperature: ±0.2 °C (±0.4 °F)  <b>Operating Environment:</b> 10 – 50 °C (-15 – 122 °F)</p>

### IEEE / NERC Requirements

- Meets IEEE Standards:  
**450-2010, 1188-2005, 1106-2005**
- NERC Compliance:  
**PRC-005-2**



### Kit Includes:

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

### Ordering Information

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