

IEEE / NERC Ultra Max Plus Battery Testing 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, 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 1,024 with SG-Ultra Max
- Exmons Ultra+ Software included for All-in-One battery management

Technical Specifications

IBEX-Ultra Key Specs:	Battery Capacity Range: 5 – 6000 Ah Voltage & I.R. Range: 0 – 60 VDC / I.R. – 50 VDC Internal Storage: 600 or 4800 Test Results, 4 or 80 Battery Models Resolution: Voltage: 10 mV Resistance: 0.001 mΩ Temperature: 0.5 °C (0.5 °F) Accuracy: DC Voltage: ±0.5% Internal Resistance: ±0.5% Temperature: ±2.0%
SG-Ultra Max Key Specs:	Measurement Range: Density: 0.000 – 3.000 g/cm ³ Sample Temperature: *0 – 80 °C (32 – 176 °F) Viscosity: 0 – 1,000 mPa Internal Memory: 1024 Results Resolution: 0.0001 g/cm ³ Accuracy: Density: 0.001 g/cm ³ Temperature: ±0.2 °C (±0.4 °F) Operating Environment: 10 – 50 °C (-15 – 122 °F)

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