

## Eagle Eye IBEX Ultra vs. Competition Specification

Product	IBEX Ultra	BITE 3	Cellcorder	Celltron	HiTESTER 3554	SBS-6500
Applications	UPS Systems, Power Utilities, Telecom, Data Centers, Transportation, Cable Television/Broadband, Nuclear Power	Utility, Telecom, UPS Systems, Railroad, Aircraft Power Supply, Marine & Military	Designed for use in all industries	Individual lead acid cells	UPS Systems, Utility, Telecom	Utility, UPS, Telecom, Battery manufacturing, Industrial maintenance, Data center
Units Measured	Voltage, Internal Resistance, Intercell Resistance, Temperature, DC Current, Ripple Current	Voltage, Internal Resistance, Intercell Resistance, Float Current, Ripple Current	Voltage, Internal Resistance, Intercell Resistance, Temperature	Voltage, Conductance, Temperature, Ripple Current	Voltage, Internal Resistance, Intercell Resistance, Temperature	Voltage, Internal Resistance, Temperature, DC Current
Test Speed	3 – 4 seconds	10 seconds	4-10 seconds	10 seconds	Unspecified	Up to 5 seconds
Test Load	< 2A	Unspecified	60A	Unspecified	Unspecified	Unspecified
Voltage Range	0 – 60VDC	1 – 30VDC	2 – 16VDC	1.5 – 18VDC	0 – 60VDC	0 – 100VDC
Resistance Accuracy / Resolution	± 1.0% / 0.001mΩ	± 5.0% / 0.001 – 0.01mΩ	± 0.1% / 0.05mΩ	N/A	± 1.0% / 0.01mΩ	± 1.0% / 0.001mΩ
Voltage Accuracy / Resolution	± 0.5% / 10mV	± 1.0% / 1 – 10mV	± 0.1% / 1-10mV	+ 2% / 5mV	± 0.08% / 1 – 10mV	± 0.1% / 1mV
Battery Capacity Range	5 – 6000Ah	Up to 2000Ah	Unspecified	10 – 6000Ah	Unspecified	5-6000Ah
Memory Capacity	4,800 results / 80 alarm settings	1,320,000 results	18,176 results	240,000 results	4,800 results	7,500,000 results
Dimensions	6.8 x 3.7 x 1.6 in (175 X 95 X 42 mm)	8.6 x 4 x 9.5 in (220 x 100 x 237 mm)	12 x 7 x 3 in (305 x 178 x 76 mm)	11 x 4 x 3 in (280 x 105 x 80 mm)	7.56 x 4.76 x 2.17 in (192 x 121 x 55 mm)	8.3 x 4.2 x 2.2 in ( 220 x 107 x 55 mm)
Weight	1.4 lbs (0.65 kg)	5.7 lbs. (2.6 kg)	3.4 lbs. (1.5 kg)	2.6 lbs. (1.17 kg)	2 lbs. (0.9 kg)	2.2 lbs. (1.0 kg)
Display	LED backlit LCD	LED backlit LCD	LED Backlit LCD	LED backlit LCD	LED backlit LCD	LED Backlit LCD
Operating Temperature	-20 to 80°C (-4 to 176°F)	0 to 40°C (32 to 105°F)	5 to 40°C (41 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)
Management Software	Yes	Yes	Yes	Yes	Yes	Yes
Communication Output	USB	RS-232 (Serial)	IrDA, Bluetooth	USB, IRDA	USB	USB
Key Features	<ul style="list-style-type: none"> <li>▪ Ripple removing algorithm</li> <li>▪ Battery analysis software</li> <li>▪ No moving parts</li> <li>▪ Meets IEEE specifications for battery testing</li> </ul>	<ul style="list-style-type: none"> <li>▪ Store over 1 million results</li> </ul>	<ul style="list-style-type: none"> <li>▪ Reads multiple cells</li> <li>▪ Battery analysis software</li> <li>▪ Meets IEEE specifications for battery testing</li> </ul>	<ul style="list-style-type: none"> <li>▪ Battery analysis software</li> <li>▪ Dual screens</li> <li>▪ Starting / cranking battery test capability</li> </ul>	<ul style="list-style-type: none"> <li>▪ Enhanced resistance against noise</li> <li>▪ 10 hours of battery life</li> </ul>	<ul style="list-style-type: none"> <li>▪ 7.5 million records storage</li> <li>▪ 0-100 Vdc testing range</li> <li>▪ Bluetooth with SBS hydrometer</li> </ul>
Key Advantages	<ul style="list-style-type: none"> <li>▪ Fastest test time</li> <li>▪ Smallest size and weight</li> <li>▪ Ripple removing algorithm</li> <li>▪ Lightest test load on batteries</li> <li>▪ Greatest operating temperature range</li> </ul>	<ul style="list-style-type: none"> <li>▪ Large memory capacity</li> </ul>	<ul style="list-style-type: none"> <li>▪ Larger memory capacity</li> </ul>	<ul style="list-style-type: none"> <li>▪ Larger memory capacity</li> <li>▪ IRDA output</li> </ul>	<ul style="list-style-type: none"> <li>▪ Longer battery life</li> <li>▪ Voltage accuracy</li> </ul>	<ul style="list-style-type: none"> <li>▪ Largest memory capacity</li> <li>▪ 2<sup>nd</sup> fastest testing speed</li> </ul>