







	BTC1	MBT	BMUX	BIM1 BIM2	BIM-HV	BST1
						
Application	R&D, Qualification of cells	Quick test (1sec) in production and QA	15-channel multiplexer for R&D and production	R&D and QA for cells and modules	Trial and QA for high-voltage systems	Service and maintenance for batteries and UPS
Voltage ranges	5V, 60V selectable	5V or 60V fixed ex factory	$\leq 60V$	5V, 60V selectable	100V, 800V selectable	5V, 60V selectable
Impedance ranges	1/3/10/30/100/300/1000m Ω selectable	1/3/10/30/100/300m Ω selectable	-----	(1/3)/10/30/100/300/1000m Ω selectable	100m Ω /1000m Ω selectable	1/10/100/1000m Ω selectable
Impedance types	Complex Impedance Nyquist curve, EIS	Internal resistance	-----	Complex Impedance Nyquist curve, EIS	Complex Impedance Nyquist curve, EIS	Internal resistance
Frequency range	0.1Hz ... 1000Hz	10Hz, 1000Hz	-----	1Hz...1000Hz 0.1Hz...1000Hz	1Hz...1000Hz	71Hz...1000Hz
Additional measurements	Temperature, Capacity ($\leq 10Ah$)	Temperature (optional)	-----	Temperature (BIM2 only)	-----	-----
Communication Interface	USB	RS232	USB and RS232	USB or RS232	USB	USB