

HEFACYCLE MODELS COMPARISON

System	BA100E	BA100A
Power input	12-24V DC 3A adapter	12-24V DC 3A adapter
Test method	Constant current charge, constant current discharge, <i>constant Voltage Charge, rest, etc</i>	Constant current charge, constant current discharge, <i>constant Voltage Charge, rest, etc</i>
Current Range (programmable)	0.001 – 1mA (<0.1% max reading error + 0.1% of range)	0.01 – 10mA (<0.1% max reading error + 0.1% of range)
Voltage range (programmable)	0.1 – 5V (0.05% max reading error)	0.1 – 5V (0.05% max reading error)
# of channels	8 channels	8 channels
Independent Channels	Yes	Yes
Software	<ul style="list-style-type: none"> • Threshold adjustment, • different curves such as current vs time, voltage vs time, capacity vs time and etc can be monitored • Excel output with voltage, time, current, capacity, time, columbic efficiency values and etc. 	<ul style="list-style-type: none"> • Threshold adjustment, • different curves such as current vs time, voltage vs time, capacity vs time and etc can be monitored • Excel output with voltage, time, current, capacity, time, columbic efficiency values and etc.
Sample time (adjustable)	Minimum 1 s	Minimum 1 s
PC interface	RS485 to USB converter	RS485 to USB converter
Optional	Temperature sensor (-10 – 100 °C)	Temperature sensor (-10 – 100 °C)