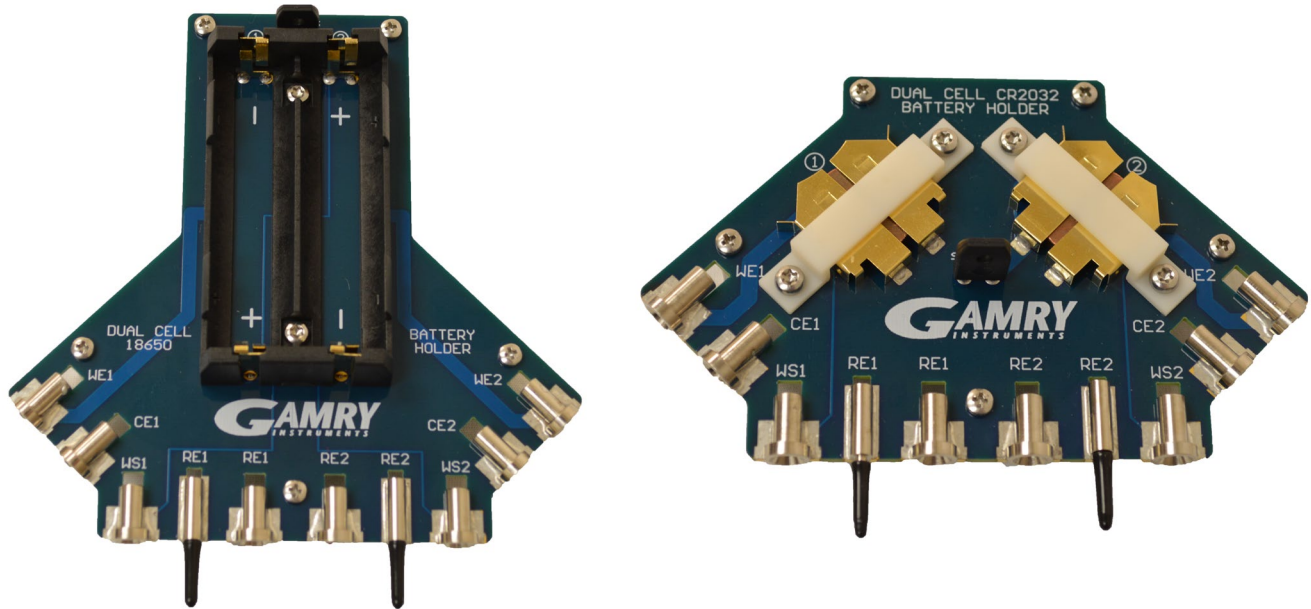


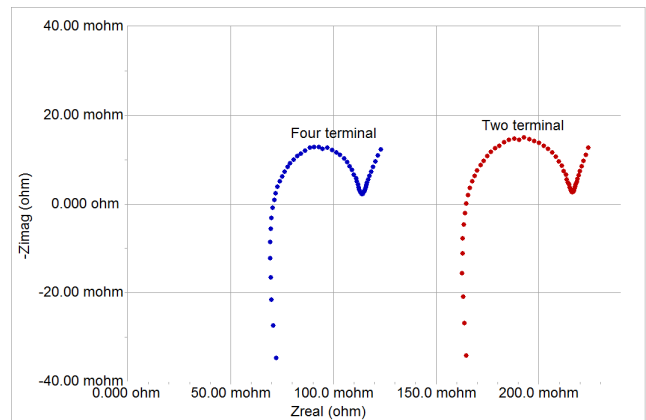
## ***Four-terminal Battery Holders for EIS and Charge/Discharge***



### ***Cell Description***

These two battery holders have been ideally designed for four-terminal Kelvin sensing on 18650s and 2032 coin cells in series or individually. Four-terminal Kelvin sensing negates the additional impedances due to cable connections, thus improving your electrochemical impedance spectroscopy results.

Contacts have been gold-plated to reduce contact impedance and the cable connections have been designed to reduce inductive pickup between the current-carrying leads and the sense leads. The cable connections also ensure a reproducible lead placement, reducing variability in your measurements. The Nyquist plot to the right is a representative plot that shows the effect of the added resistances for a commercially available 18650. Note the shift to higher impedances for HFR and an increase in cell impedance of almost 20%.



<b>Description</b>	<b>Part Number</b>
Dual 18650 Cylindrical Battery Holder	992-00158
Dual 2032 Coin Cell Battery Holder	992-00159