



# Accelerate your battery development




## We understand that electrochemistry, electrode design and failure modes of your battery system are going to determine your design and research decisions

The Australian Synchrotron offers techniques that can give you the crucial information with powder diffraction detecting the most minor phases in an operating battery or X-ray absorption spectroscopy which can give you an accurate measurement of oxidation state with no wet chemistry

 Unparalleled sensitivity to minor phases and accurate peak shape determination for strain and emerging phase transformations

 Well calibrated determination of oxidation state, targeted to even trace amounts of specific elements in almost any chemical environment

 World-class expertise to help you convert data to effective research decisions

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