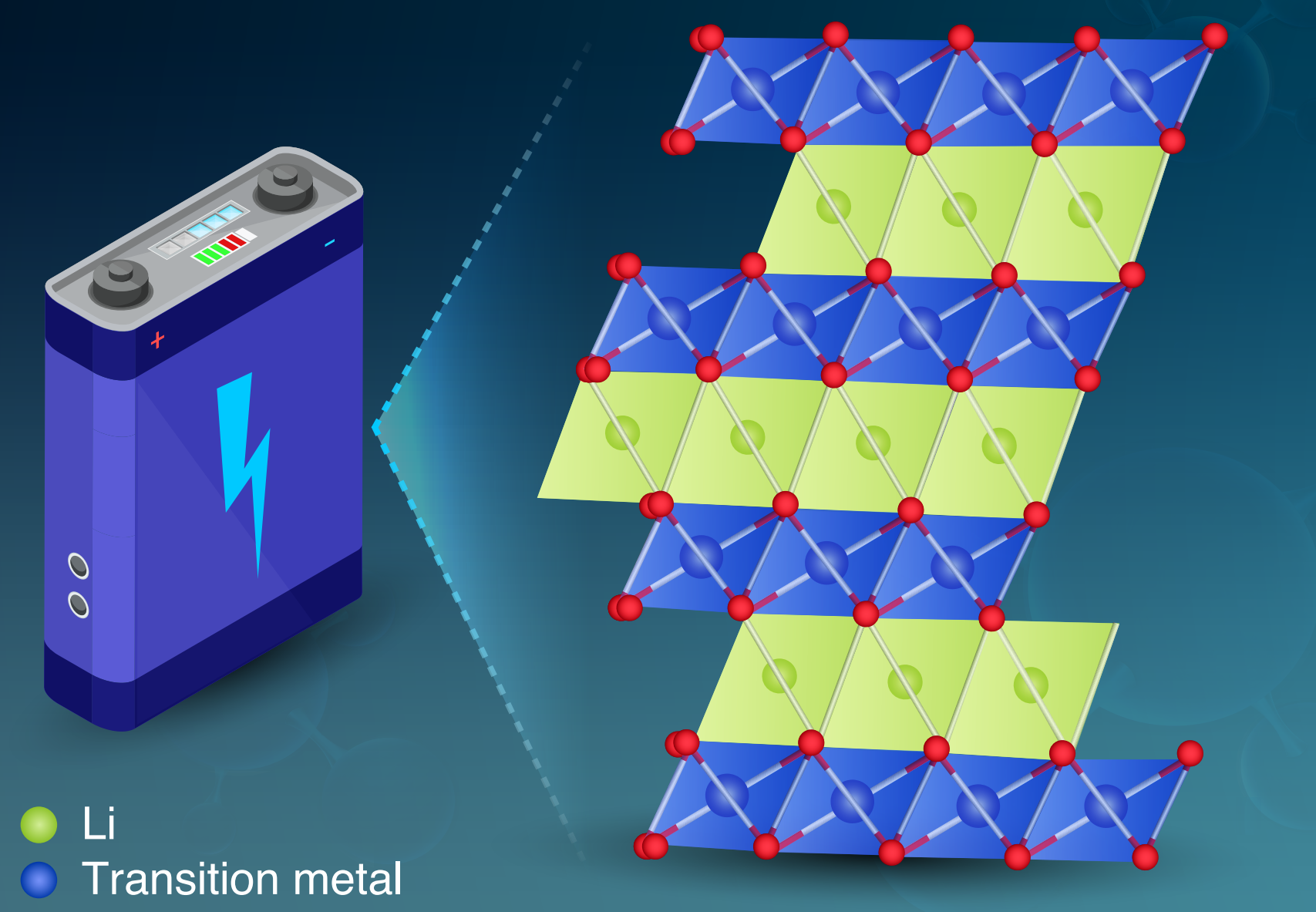


Innovative Disorder-Based Approach Enhances Performance in Lithium (Li)-Rich Cathodes

Li-rich cathodes can store exceptionally large amounts of energy, making them attractive options for high-capacity rechargeable batteries



However, during use, transition metal atoms can drift out of place, blocking Li-ion channels and causing:

- ⚠ Degradation
- ⚠ Sluggish charge and discharge

Cation disorder as a design principle could be the key to unlock high-energy battery materials

