



# When were lithium batteries invented





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### Lithium Ion Battery

In the late 1970s, a team of global scientists began developing what would become the lithium-ion battery, a type of rechargeable battery that would eventually power everything from ...



### [Who Really Invented the Rechargeable Lithium-Ion Battery?](#)

Whittingham's battery, the first lithium intercalation battery, was developed at Exxon in 1972 using titanium disulfide for the cathode and metallic lithium for the anode.

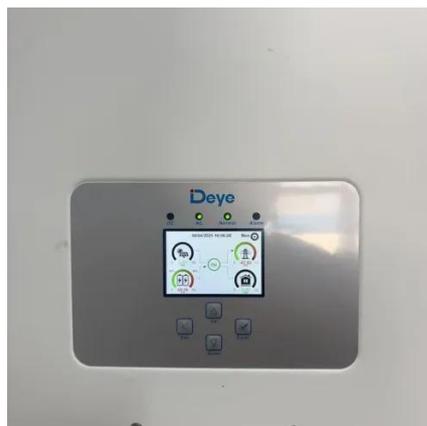


### [Lithium-Ion Battery History: From Invention to Today](#)

In 1992, Japan's Sony Corporation invented a lithium battery using carbon material as the cathode and lithium-containing compounds as the anode. During the charge and discharge ...

### The Origins of the Lithium Battery

The idea for rechargeable lithium batteries started in 1972 in the Corporate Labs of Exxon, within a group studying the impact of intercalating electron donors on the superconductivity of the layered ...



## [Lithium-Ion Battery: When It Was Invented and Its Pioneering History](#)

When Was the Lithium-Ion Battery Invented? The lithium-ion battery was invented in 1980. This innovation emerged from the research of John B. Goodenough, Rachid Yazami, and Akira ...



## [Genesis of Energy: How the Lithium-Ion Battery Was Born](#)

In 1991, Sony launched the world's first commercial lithium-ion battery in their Handycam camcorders -- marking the true beginning of the Li-ion era. Although Yoshino had developed a much ...



## **A Brief History of Lithium**

Lithium first entered the modern era when, during the 1970s oil crisis, the English chemist Stanley Whittingham developed a rechargeable battery using lithium and titanium.



## **History of the lithium-ion battery**



British chemist M. Stanley Whittingham, then a researcher at ExxonMobil, first reported a charge-discharge cycling with a lithium metal battery (a precursor to modern lithium-ion batteries) in the ...



### When Were Lithium-Ion Batteries Invented? Key Milestones and

Lithium-ion batteries were first conceptualized in the 1970s, with Stanley Whittingham's work on lithium-based energy storage. Commercialization began in 1991 when Sony released the ...

### **Brief History of Early Lithium-Battery Development**

Note that they all have a lithium metal anode, with the first lithium-ion battery with a carbon anode dating to 1991 and the rocking chair concept (Michel Armand) dating to 1970.





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