

A BRIEF TIMELINE OF LITHIUM-ION BATTERIES

Brought to you by Americase

The beginning...

In 1976, a British-American engineer at Exxon, Stanley Whittingham, (remember the name!) proposed a new technology that would enable lithium to be used in batteries.

1976



1991

Breakthrough!

Lithium-ion batteries become commercially available for the first time in 1991. What did they power? Sony cameras and camcorders.

Americase innovation leads the way

In 2015, Americase designs and builds an oxygen generator case, which is lauded as the “best future option for containing lithium batteries in thermal runaway” by the Federal Aviation Administration. That same year saw Americase granted DOT SP16011, giving us the ability to quickly respond in the event of mass lithium-ion recalls.

2015



2017

The halls of the United Nations

Lithium-ion technology continues to grow by leaps and bounds, and with lithium-ion batteries being used around the globe, the United Nations is on the job, with working groups defining the future, securing safety, and fostering innovation. We're proud to contribute.

A Nobel-worthy achievement

In 2019, just 28 years after the first commercial use of li-ion batteries, Stanley Whittingham (we told you to remember his name!), John B. Goodenough, and Akira Yoshino receive the Nobel Prize in Chemistry. The committee honored the trio for “laying the foundations of a wireless world.”

2019



2021

Today, the world runs on lithium-ion

By 2021 — 30 years after li-ion batteries saw their first commercial use — the li-ion industry was valued at \$54.6 billion USD. And as supply rises to meet demand, the lithium-ion market is expected to be worth approximately \$257 billion USD by 2030.

Providing **INNOVATIVE SOLUTIONS**
to complex problems.