



Next-generation electric vehicle batteries for a sustainable and green future



StoreDot has been named a 2020 Bloomberg New Energy Finance (BNEF) Pioneers Winner

StoreDot:

- Launched in 2012
- HQ in Israel
- \$130M Raised to date
- 110 FTEs, including 34 PhD researchers
- Strong strategic investors covering energy ecosystem:



DAIMLER



StoreDot Vision of Zero Emission Mobility

The domain of EV batteries has long suffered from a stagnation due to physical limitations. A new, innovative chemistry strategy must be employed in order to make a significant leap. By innovating an entirely new Li-ion chemistry, StoreDot has made what was considered impossible- enabling an extreme fast charging of an EV battery in just five minutes. StoreDot is the leading battery technology and cell provider for the Electric Vehicle industry, eliminating range and charging anxiety to drive mass adoption of EVs.

Groundbreaking Technology - Extreme Fast Charging (XFC) Battery

With the charging experience of the driver as the key challenge, StoreDot developed **the only XFC battery that can be fully charged (100%) in five minutes.**

EVs face significant battery-related challenges: driving range, battery cost, weight, and recharging time, which can take several hours. Charging time remains a major obstacle to the mass adoption of EVs.

We revolutionize the conventional Li-ion battery together with leading industry partners and investors - Daimler, Samsung Ventures, bp, TDK and EVE - to dramatically improve the charging experience.

By replacing graphite in the cell's anode with nano-scale silicon, as well as incorporating proprietary-synthesized organic and inorganic compounds, StoreDot batteries enable enhanced miles-per-minute of charging experience, key for solving range and charging anxiety.

- 1st Gen battery engineering samples launched in January 2021 - partnership with EVE Energy
- 2nd Gen XFC-battery - (Extreme Fast Charging) samples in H2 2021
- 3rd Gen XED-battery - (Extreme Energy Density) prototypes in 2023, samples in 2024

Unique Value Proposition

- 500 Man years during 9 years of intense battery R&D effort
- World leading team of experts includes 34 PhD researchers
- Unique know-how that covers the entire battery ecosystem
- Extensive IP portfolio: over 120 granted and in process patents with global coverage
- Innovation across all battery domains: materials (cathode, anode, separator, and electrolyte), cell design, pack optimization, BMS and charging integration
- Strategic manufacturing partnership which is key for commercialization scale up, with battery manufacturer EVE Energy: production on standard Li-ion lines

Management Team

StoreDot's strong and cohesive leadership team brings massive track-record leading global corporations.



David Gilmour, DPhil

Executive Chairman

Dr. Gilmour is the former Vice President of Business Development at bp and the former Global Head of bp Ventures. He has been instrumental in building up a network of high-growth technology businesses to support bp's transition to a fully-integrated energy company, especially in the mobility area.



Doron Myersdorf, DSc

CEO and Co-Founder

Dr. Myersdorf founded StoreDot with the vision of a better planet, after a successful top executive career at SanDisk, where he drove the mass adoption of the Solid State Drive flash memory solution.

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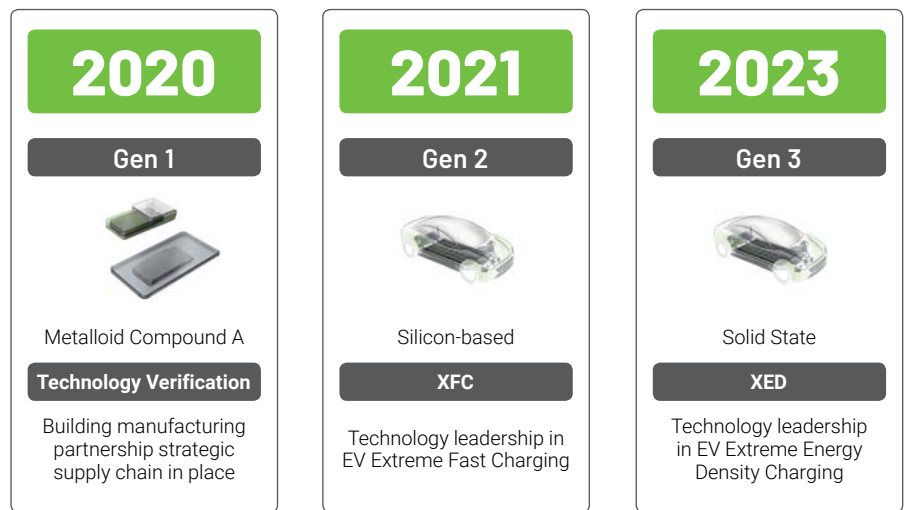
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Cell Commercialization Roadmap

Gen1 technology is ready and engineering samples are being produced by our JV. It is the first ever 5 minute charging Li-ion technology in mass production. Gen2 is an XFC solution based on a silicon-dominant anode with early samples ready for evaluation. Gen3 is our longer term Solid State technology with first samples currently at our labs.

Samples Availability



StoreDot technology optimizes miles per minute of charging- the key parameter for solving range and charging anxiety. By eliminating the graphite as the active material of the anode, and replacing it with silicon nano-particles and organic compounds, StoreDot was able to dramatically reduce charging times.

