Enovix 100% Active Silicon Anode Battery

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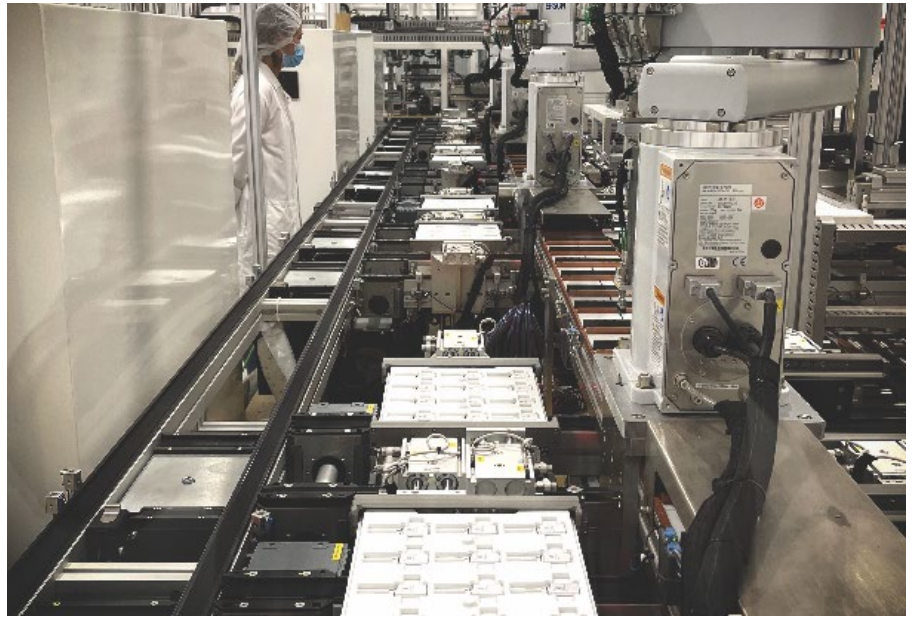
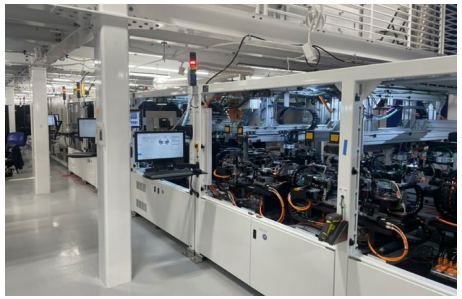
Enovix Cells in Consumer Electronics Space

- Founded in 2007 and headquartered in Fremont, California (Nasdaq: ENVX)
- Completed technology qual with multiple leading consumer electronics companies
- Scaling production; over 75 customer accounts; $1.4B revenue funnel
- Capacity advantages of up to double compared to batteries in leading commercial consumer devices in the market[1]





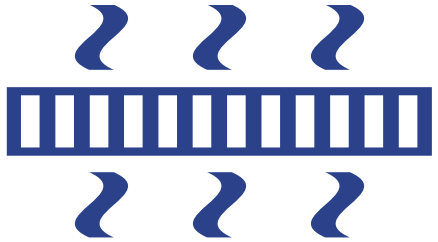
[1] Calculated improvements based on existing product battery and Enovix EX-1 battery with same end-of-life dimensions

The Enovix Advantage

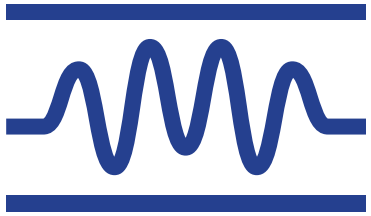
Patented battery architecture and process technology

Enables 100% active silicon anode

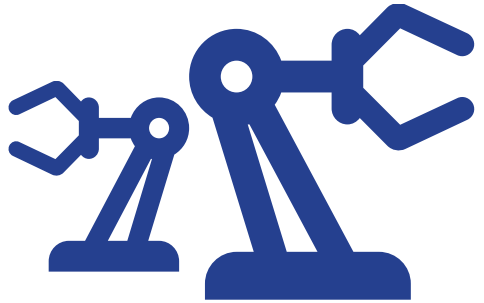
Step-Change increase in energy density



Exceptional thermal performance



BrakeFlow technology – Significantly increases tolerance to internal shorts

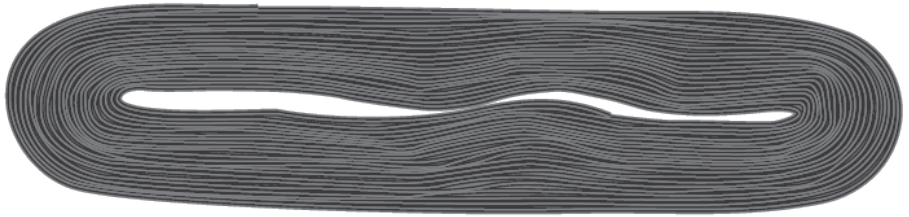


Scaling up commercial production

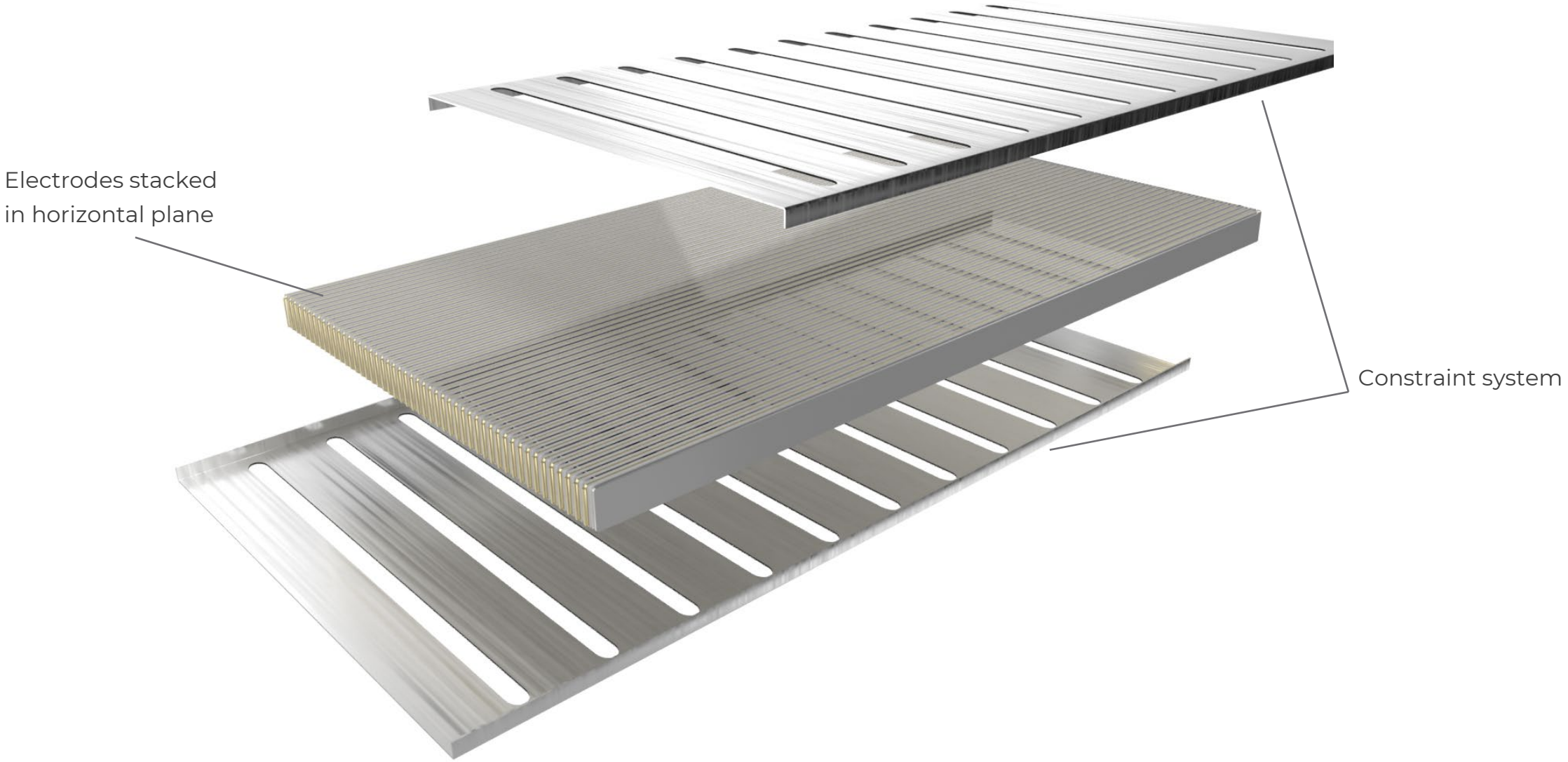
Conventional Cell Architecture

Conventional **Wound** Lithium-ion Cell

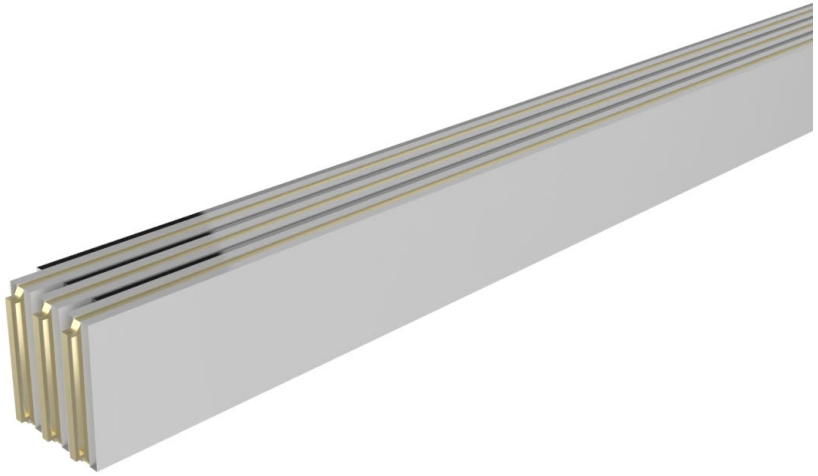
Illustrated Cross-Section

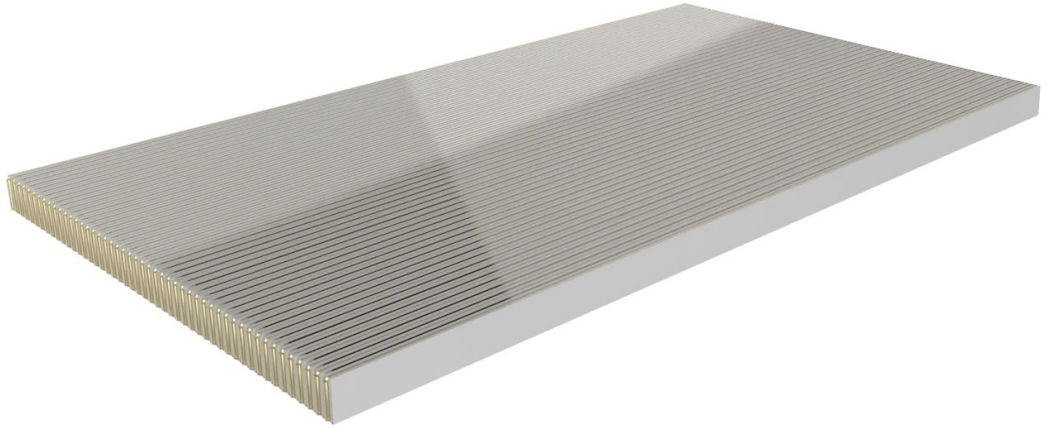


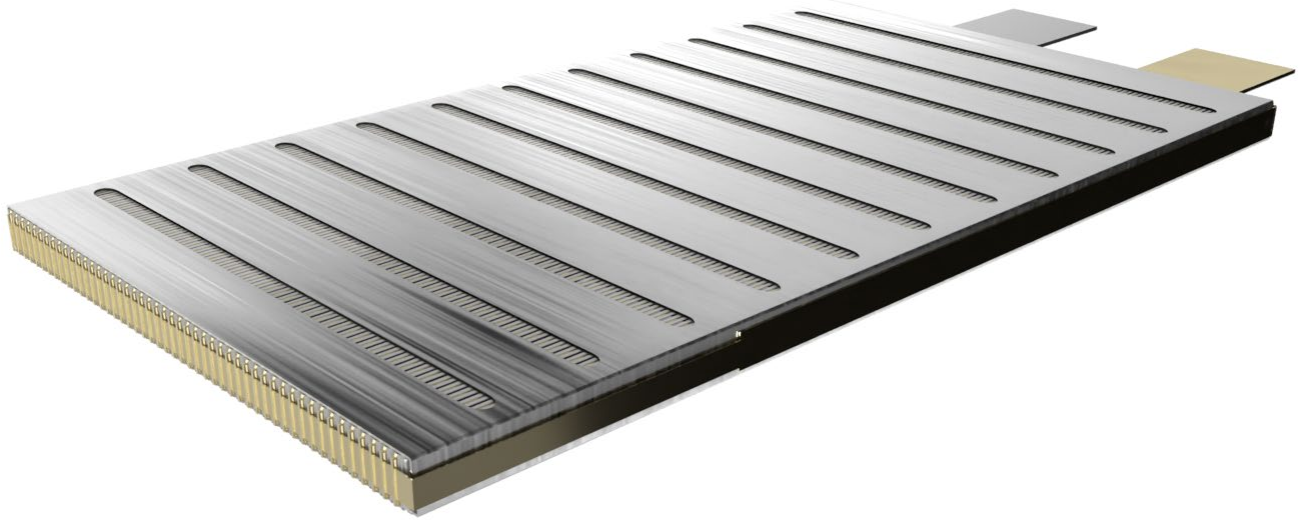
Enovix Cell Architecture



Enovix Cell Architecture

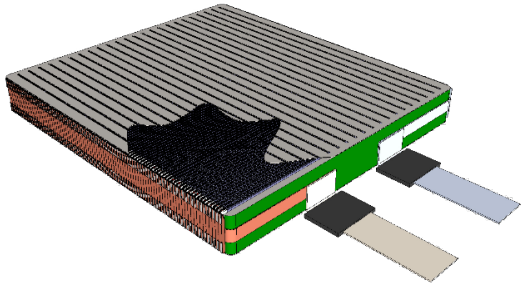




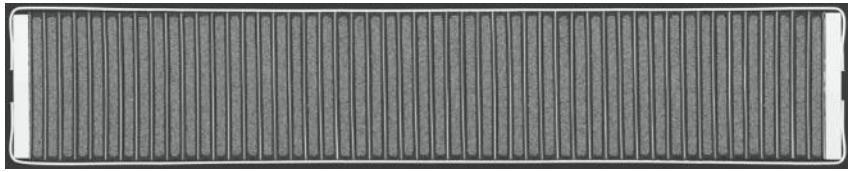


Enovix Cell Architecture

Enovix Lithium-ion Cell



Photomicrograph Cross-Section[1]

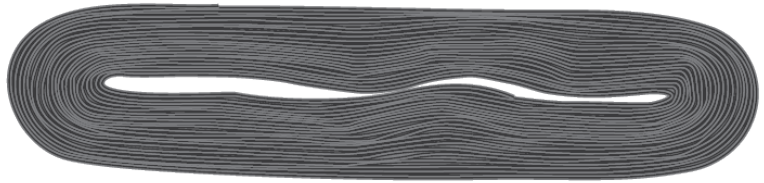


Silicon Anode Material Capacity

1800 mAh/cc[2]

Conventional **Wound** Lithium-ion Cell

Illustrated Cross-Section



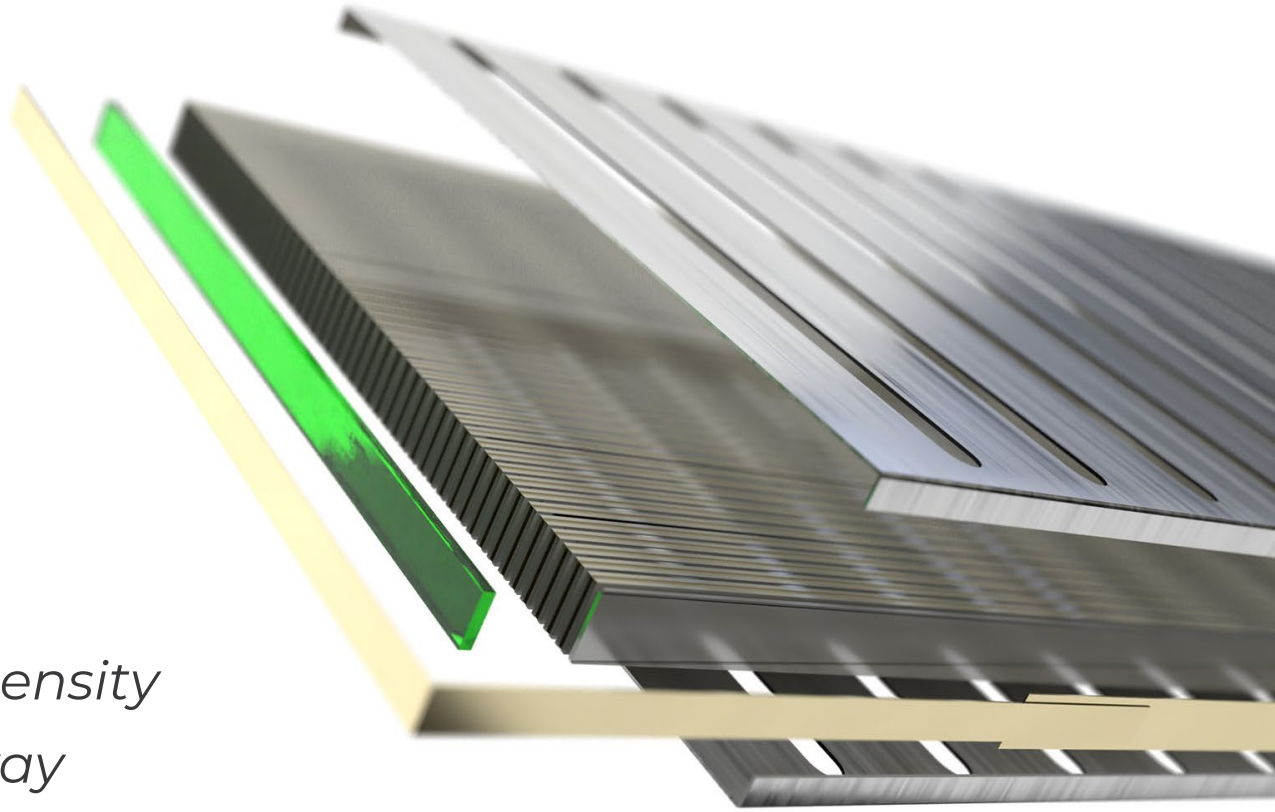
Graphite Anode Material Capacity

800 mAh/cc[3]

[1]Source: Enovix Corporation. [2]De-rated from theoretical capacity of 2194 mAh/cc for Li trapping losses.
[3]Nominal capacity between host capacity of 841 mAh/cc and lithiated capacity of 719 mAh/cc.

Enovix **BrakeFlow™** Technology

Engineered to deliver increased energy density and reduce the risk of thermal runaway



Enovix Stacked Architecture

- High Energy Density & Capacity
- High Cycle and Calendar Life
- Fast Charge
- Safety

Thank You

Enovix BrakeFlow™ Technology

Breakthrough in advanced Li-ion battery abuse tolerance

- Enovix architecture enables multiple parallel cell-to-busbar connections
- This uniquely enables implementing BrakeFlow – which includes a system with a resistor with a set value - at the busbar junction
- Under normal operation, each electrode carries a small current which results in negligible energy loss
- In event of an internal short, BrakeFlow regulates current flux from other areas of the battery to the short
- Limits short area from overheating and inhibits thermal runaway