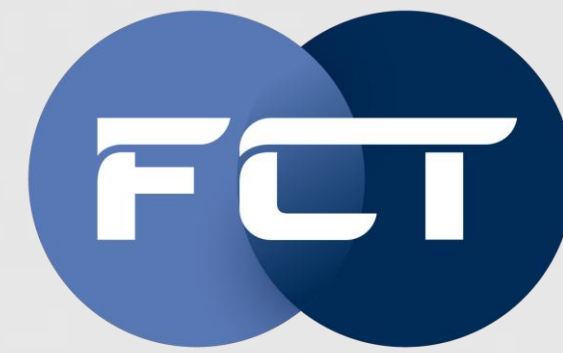




HYDROGEN FOR THE REBELLIOUS

For those who Dare - Dream - Do



Pioneering tomorrow's energy
with compact hydrogen solutions.

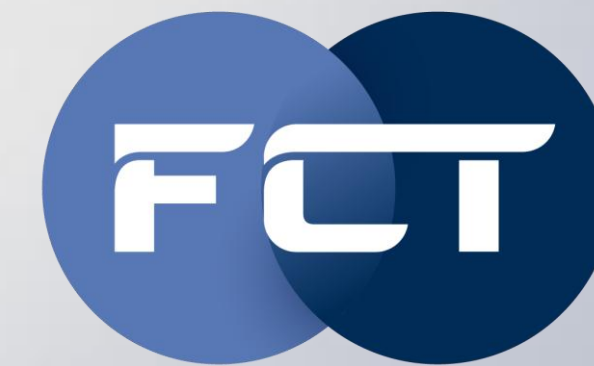
Reimagined for creators across consumer-
and light industrial applications.



OUR JOURNEY: from idea to reality



Our story started with a visionary research project at the KTH Royal Institute **to make Fuel Cell technology accessible for all.**



FUEL CELL TECHNOLOGY SWEDEN

Engineered with a unique design, our FCT Micro Fuel Cell technology serves applications that no others can.

Delivering Ultimate Design Freedom



ULTRA THIN

Giving creators “freedom of design”



LEAN

Fewer parts and smarter design.



EFFICIENT

Simplicity is our advantage.

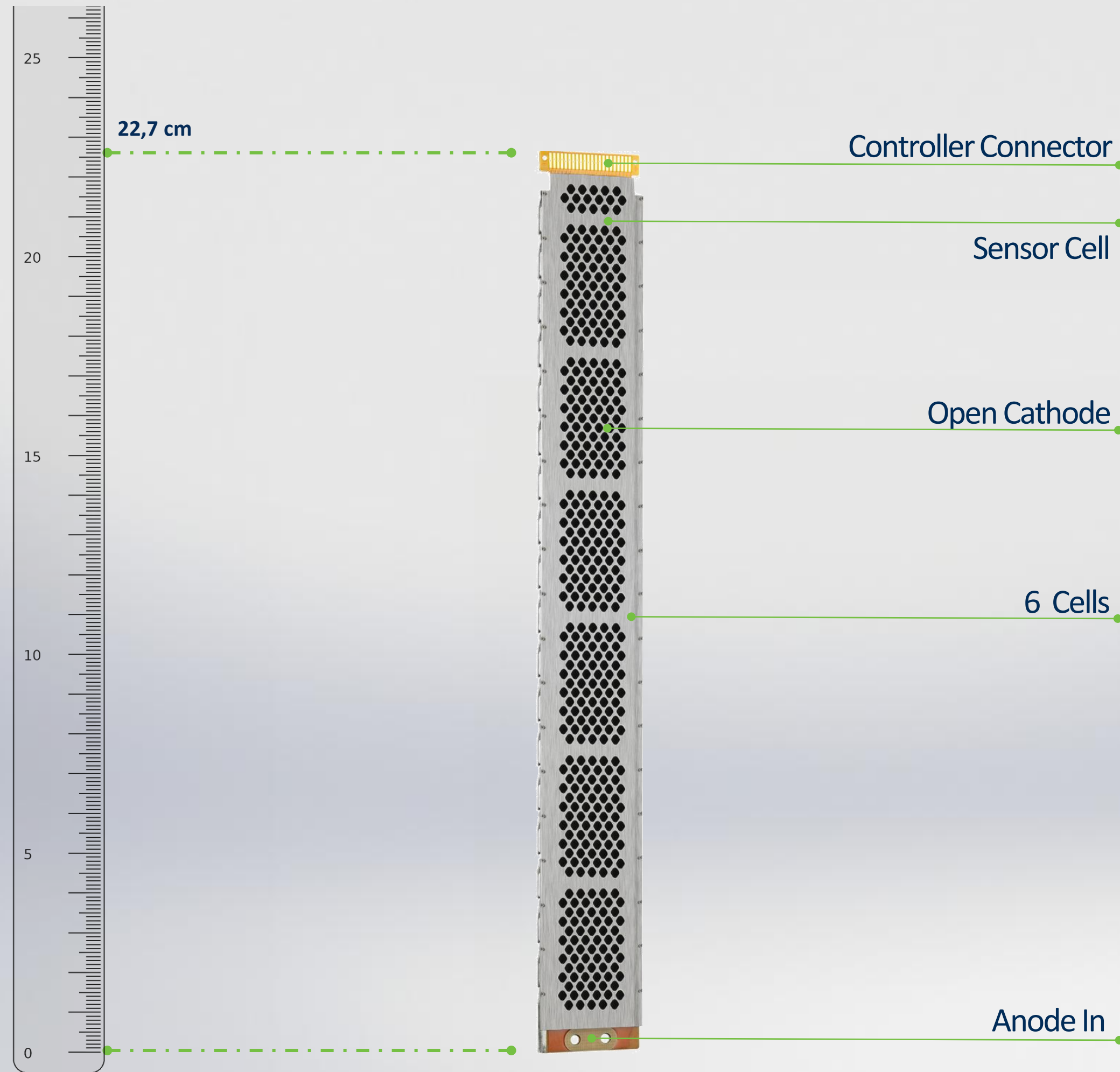


THRIFTY

Thin, lean and efficient.



INTRODUCES: the Lamina[®] Micro Fuel Cell

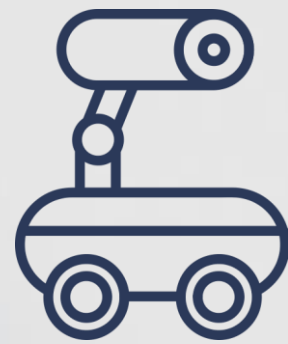


Some Highlights:

- ▶ < 0,5 Bar Pressure
- ▶ Unique Form Factor
- ▶ Fit to Li-Ion Battery Cell Voltage
- ▶ Orientation-independent operation



10 W – 2 KW: for mobile and stationary applications



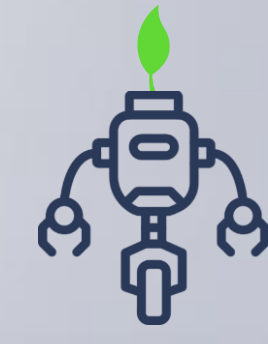
Robots



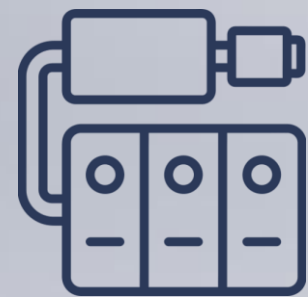
Intra-Logistics



Cargo-Bikes



Agricultural Robots



Mobile Power Units



Home Applications



Cleaning



Drones

Four Real Advantages



FAST RECHARGEABLE

Seconds v.s. hours with a battery.



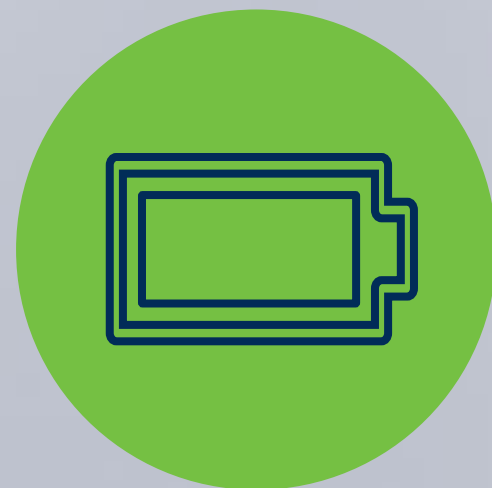
OPERATIONAL EFFICIENCY

Precisely scheduled recharging-cycles.



FREEDOM IN DESIGN

Freedom to unite form and function.

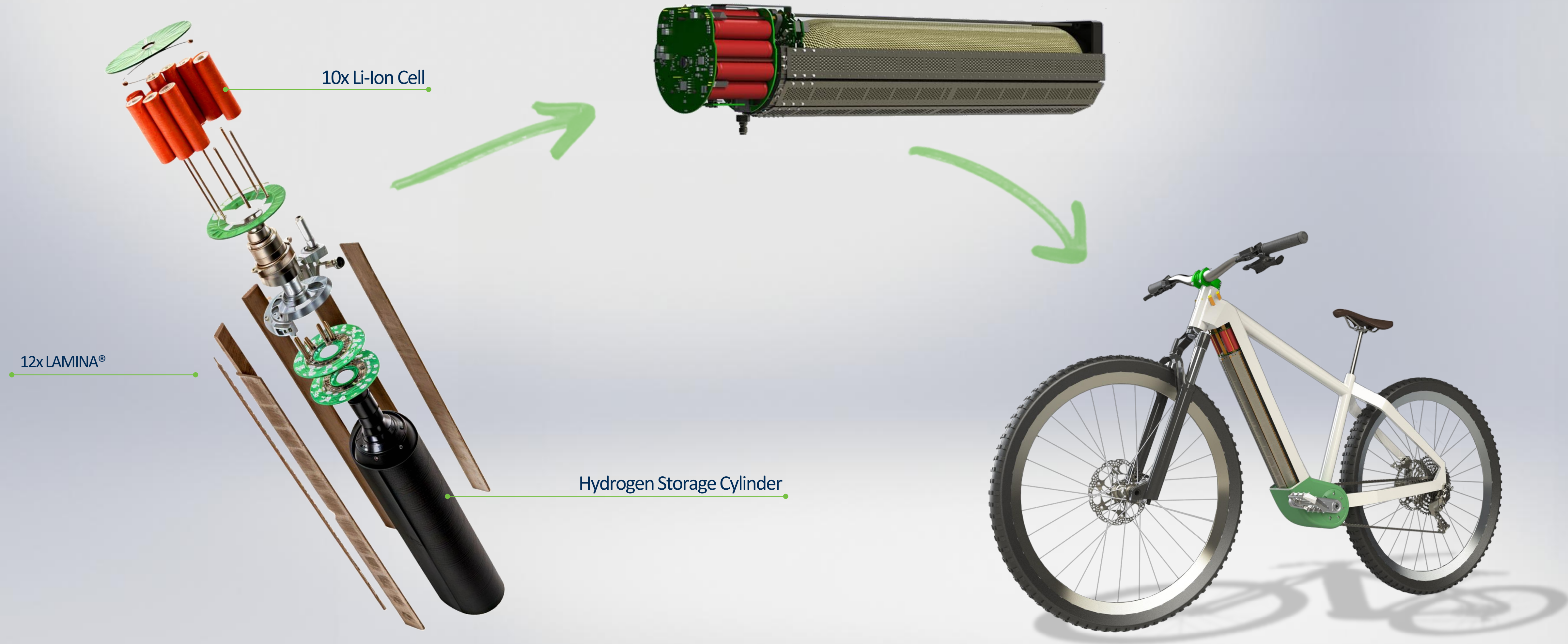


HYBRID POWER OPTION

Fuel Cell for base power, battery for peaks.



WRAPPED LAMINA[®]: solution for e-bike



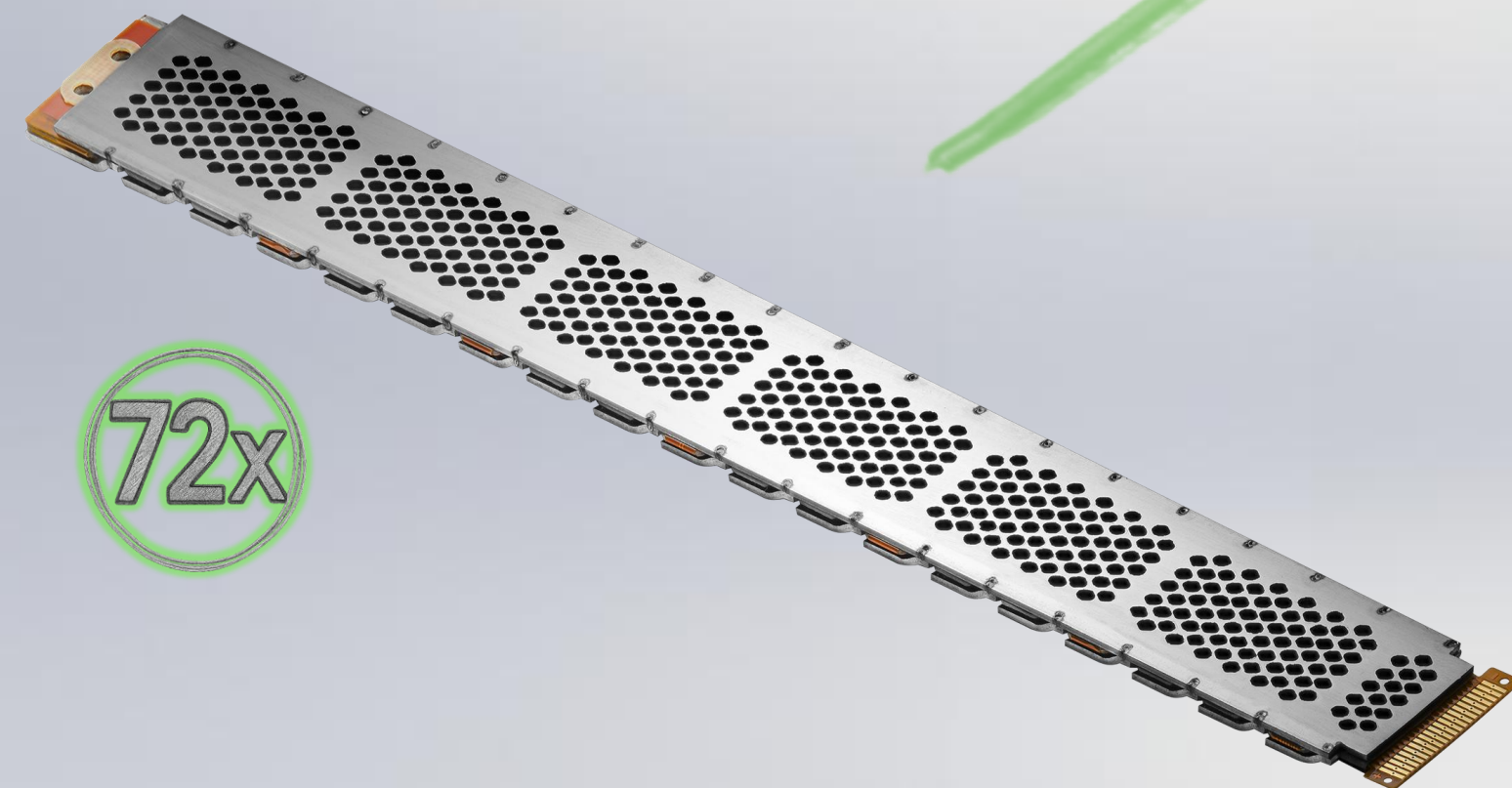


BOXED LAMINA[®]: solution for AGV

18 x SuperCaps

72 x LAMINA[®]

Hydrogen Storage Cylinder





Freedom in design

XplorerKIT

A Comprehensive Evaluation Tool: The FCT XplorerKIT is an advanced evaluation platform designed to help customers and academic institutions explore and assess the capabilities of FCT's cutting-edge fuel cell technology.



FCT XplorerKIT - Specifications

Output:

750 Watt Peak Power (10s)
250 Watt Continuous Power

Input:

< 500 mBar Hydrogen
@ 99,999% Purity

Interface:

Controls via USB Interface

Environment:

Laboratory Conditions
(BETA-Version)



Plug & Play Power in one full system

40 Watt of Hybrid Power

The PowerBar unites four Lamina fuel cell modules with LFP technology for a versatile power solution. Its 250 W load buffering capability ensures continuous performance, while “plug-and-play” integration makes it ideal for both mobile and stationary applications.





HYDROGEN FOR THE REBELLIOUS

Modular by Nature, Efficient by Design

Me

