



**Reshaping mobility with
unmatched fuel efficiency and peak power**

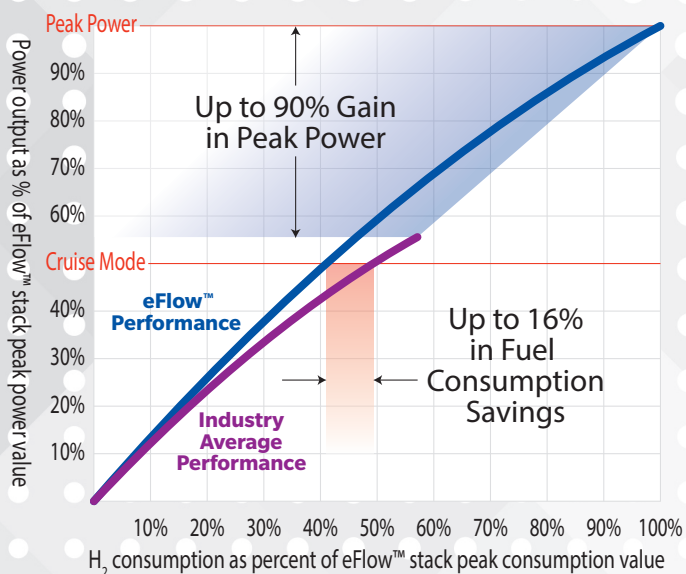
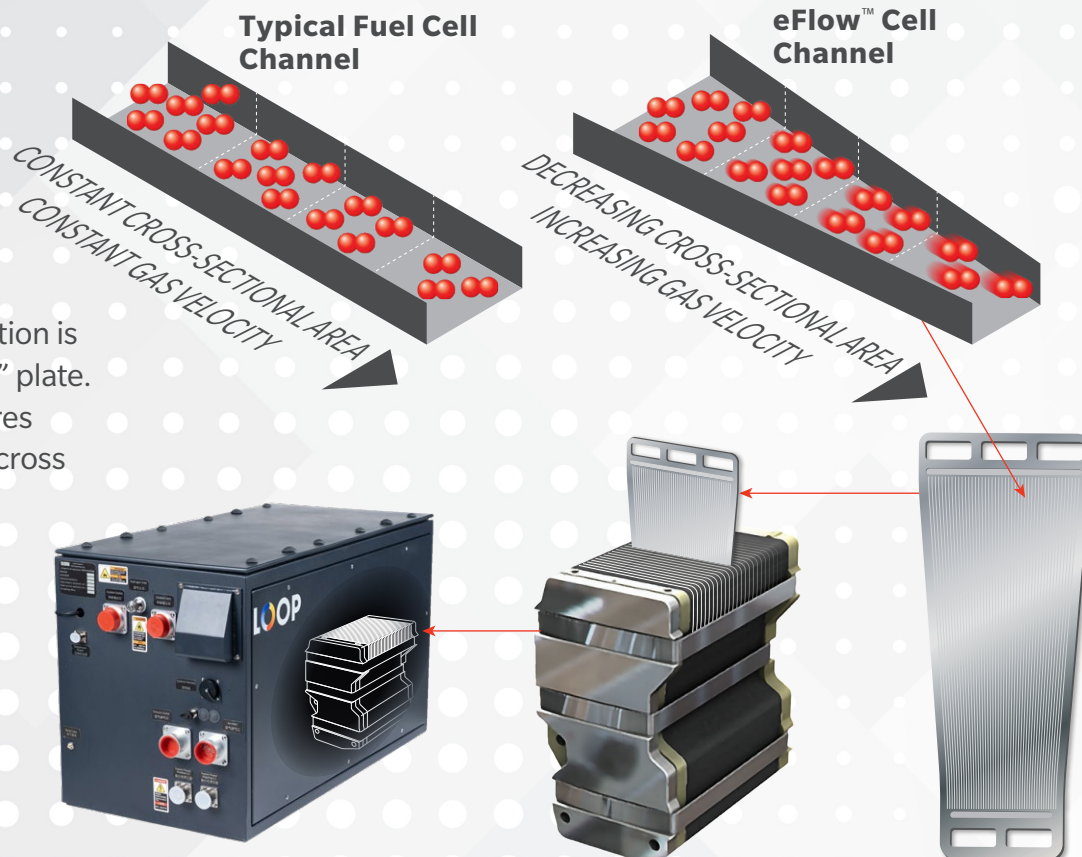
**Hydrogen fuel cells for the real
world: more power, lower
fuel consumption and
smaller footprints**



Reshaping performance

Loop Energy's eFlow™ fuel cells are nothing short of a quantum leap in performance, delivering unmatched fuel efficiency and peak power.

At the core of this innovation is our signature "trapezoid" plate. This unique design ensures uniform power density across the entire plate surface for greater peak power, while increasing gas velocity down the plate to deliver superior fuel efficiency.



With as much as 10x better power density uniformity, eFlow™ unlocks up to 90% more peak power from the same size stack, almost doubling the vehicle's drivetrain capabilities.

At the same time, the eFlow™ tapered channel design "turbo-charges" material flow and stack performance without wasting compressor energy, to deliver fuel savings of up to 16% in cruise mode versus same size alternatives.*

* Versus industry average performance for fuel cell stacks with the same active area

Intrinsically robust product architecture scalable across wide range of applications

Loop Energy's products feature exceptional durability due to the water management and temperature uniformity "built" into the very same features that give eFlow™ its performance advantages.

Our product portfolio delivers a unique combination of maximum peak power capability and lowest operating cost in an intrinsically robust, highly adaptable and easy to integrate package for a wide range of applications.

Urban Delivery



Fuel Cell Engine Class: S300

Operating Power Requirements: 15kW-30kW

Minimum Integration Volume:* 106L

Estimated Lifetime Fuel Savings:**
>\$45K

Transit & Medium Duty



Fuel Cell Engine Class: T505/T600

Operating Power Requirements: 25kW-60kW

Minimum Integration Volume:* 130L

Estimated Lifetime Fuel Savings:**
>\$85K

Heavy Duty



Fuel Cell Engine Class: S1200/T2500

Operating Power Requirements: up to 250kW

Minimum Integration Volume:* 514L

Estimated Lifetime Fuel Savings:**
>\$330K

* Assuming custom packaging of engine components and excluding custom enclosure volume

** Estimated value of 16% reduction in fuel consumption vs comparable product with the same FC stack active area over 30,000 hours at \$10 USD/kg hydrogen fuel price



Shape the future of your fleet

Based in Vancouver, Canada—the fuel cell capital of the world—the Loop Energy team is reshaping hydrogen mobility by combining automotive fuel cell innovation with a deep understanding of the requirements of commercial vehicles.

Contact us to learn how Loop Energy can help you achieve the performance and reliability you need.



LOOP
ENERGY

**More power
to move you**

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