



# H2Rescue Disaster Relief Vehicle

Powered by Hydrogen



accelerate the shift™

**90kW**  
fuel cell engine

and 250kW  
traction motor

**175 kg**  
of onboard H<sub>2</sub>

providing 25kW power for  
3 days straight

**1500mi**  
driving range

round trip

# H2Rescue

## Specialty Disaster Relief Vehicles

In partnership with:



Natural disasters are occurring at an ever-increasing rate. More frequent Hurricanes, forest fires, flooding and earthquakes means first responders have a critical need for innovative and easily deployable solutions that can provide emergency power, heat, water, and essential supplies.



## What is H2Rescue?

A zero-emission, fuel cell powered emergency vehicle.

- Configured with an Accelera 90kW fuel cell engine and a 250kW traction motor
- Carries 175 kg of onboard H<sub>2</sub>
- American designed & manufactured with all integration work completed by Accelera's facility in California

### H2Rescue – Powering Aid when It's Needed Most

- Reliable transport of first-aid supplies, food, and water
- Can power 20-25 FEMA trailers, support shelters, or houses without added noise, harmful exhaust, or harmful emissions
  - Minimizes exposure to the elements such as heat and cold
  - Increases public safety – providing immediate on-site power generation
- Virtually silent compared to diesel generator noise
  - Creates a quieter and safer work environment for relief crews and survivors
    - Enables ease of communication while the fuel cell is operating in power generation mode
- Produces heat and up to a gallon of water per hour, further supporting rescue efforts

### H2Rescue – Powering Safer, Cleaner Rescue Missions

- Carbonless – with only water coming from its tailpipe, eliminating the need for on-site diesel generators that produce toxic fumes
  - Reduces the reliance on petroleum fuels
  - Eliminates risk of diesel fuel spills
- Hydrogen fuel cells reduce fuel consumption compared to standard diesel ICE engines – which consume fuel while idling
  - When fully deployed, the H2Rescue is expected to displace 1,825 gallons of fuel annually\*
  - Estimated reduction of greenhouse gasses is 2.5 metric tons annually\*

\*Independent of the locations/country



**We are Accelera**

And we're on a mission to transition the world's most economically critical industries to zero-emissions power.

Learn more at [accelerazero.com](https://accelerazero.com)