

MH-10

Modular Hydrogen
Storage and
Generation Solution



Multi-module scalable
hydrogen storage to address
hydrogen supply across
different markets



www.imagen-power.com

Man portable, compact, scalable H₂ delivery

H₂ Storage: 0.8 kg H₂ per module (0.4kg H₂ per cartridge)

H₂ Production Rate: up to 0.32kg H₂/hr per module

User configurable operating pressures from 5 to 75psig

Operational temperature: -20F to 140F (-30C to +60C)

Color graphic user display with connectivity options

Input voltage: 24VDC, 1A (24W MAX) per module

Module size: 13.4"W x 10.3"D x 15.0"H | Weight: 10 lbs

340mm W x 262mm D x 381mm H | Weight: 4.5kg

Cartridge size: 6.0"W x 6.0"D x 13.5"H | Weight: 19 lbs

152mm W x 152mm D x 343mm H | Weight: 8.6kg

Lightweight

Cartridges 4x lighter
than bottled hydrogen

Compact

Cartridges 5x smaller
than bottled hydrogen

Safe

Low Pressure
Long Storage Life

Clean

Reduced Logistics
No Carbon Emissions

Compact Modular Hydrogen Use Cases

MH-540



MH-60



MH-10



	MH-540	MH-60	MH-10
Portability	 ★☆☆	 ★★★	 ★★★★
H ₂ Backup Capacity*	864kWh ★★★★	96kWh ★★★	13kWh ★★★
Scalability	Combine multiple units to fit your requirements ★★★★ Example: for 52kWh backup solution, connect four MH-10 Units (4 x 13kWh)		

*Capacity based on fuel cell consuming H₂ @ 48% Efficiency. Each module is limited to a max H₂ generation rate. See model specification sheet for additional details.

Non-Carbon Emitting Backup Power



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Cell Tower

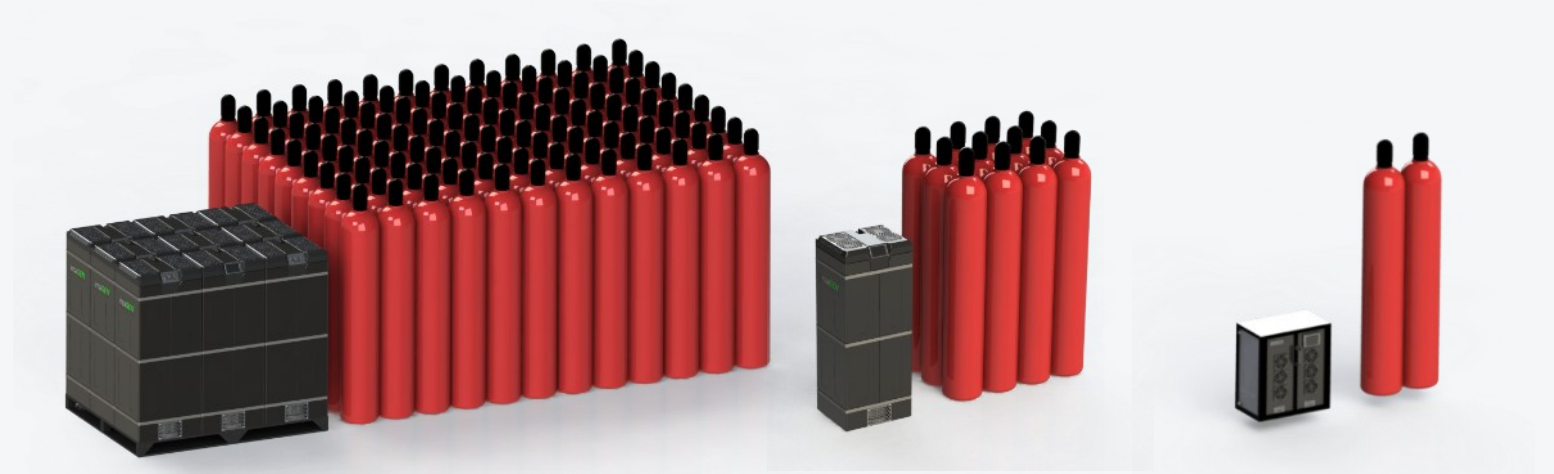

Warehouse


Emergency


Data Center


Mobility

MH Series Solutions vs. Standard Industrial Bottles



	MH-540	MH-60	MH-10
H ₂ K-Bottle Equivalent	108	12	2

