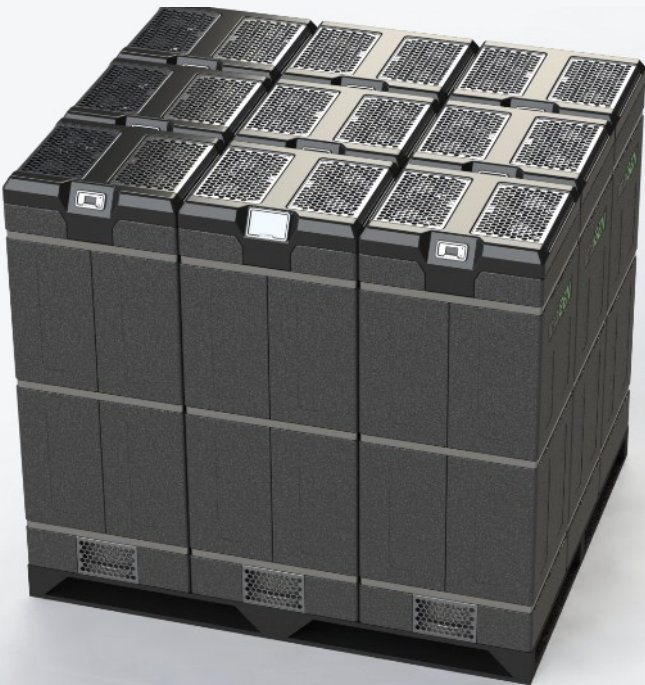


MH-540

Modular Hydrogen
Storage and
Generation Solution



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



www.imagen-power.com

Compact, scalable H₂ delivery from 10kW to 250kW

H₂ Storage: 54 kg H₂ per module

H₂ Production Rate: up to 3kg H₂/hr

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, 14.5A (350W)

Module size: 48"W x 40"D x 43.5"H | Weight: 2400 lbs
1219mm W x 1016mm D x 1104mm H | Weight: 1090kg

Lightweight

Cartridges 6x lighter
than bottled hydrogen

Compact

Equivalent to 108
bottles of 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



www.imagen-power.com


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

