

## Tru-H<sub>2</sub> MH-10

### Modular Hydrogen Production and Storage Solution



**Multi-modal, scalable  
hydrogen storage & supply  
across numerous use cases**



[www.aich2.com](http://www.aich2.com)

**Man portable, compact, scalable H<sub>2</sub> delivery**

**H<sub>2</sub> Storage: 1 kg H<sub>2</sub> per module (0.5kg H<sub>2</sub> per cartridge)**

**H<sub>2</sub> Production Rate: up to 0.32kg H<sub>2</sub>/hr. per module**

**User configurable operating pressures from 0.3 to 5 bar**

**Operational temperature: -30C to +60C**

**Color graphic user display with connectivity options**

**Input voltage: 24VDC, 2A (48W) per module**

**Unit size: 44.5cm W x 25.5cm D x 49.5cm H | Weight: 15.5 kg**

**Cartridge size: 19.5cm W x 19.5cm D x 36.8cm H | Weight: 15 kg**

### Lightweight

Cartridges 4X lighter than  
bottled hydrogen



### Safer Operation

Low Pressure, Solid State,  
Long Storage Life



### Compact

Cartridges 5X smaller than  
bottled hydrogen



### Better For Environment

Reduced Logistics  
No Carbon Emissions



## Tru-H<sub>2</sub> MH-60

### Modular Hydrogen Production and Storage Solution



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across numerous use cases**



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**Compact, scalable H<sub>2</sub> delivery**

**H<sub>2</sub> Storage: 6.0 kg H<sub>2</sub> per module**

**H<sub>2</sub> Production Rate: up to 0.40kg H<sub>2</sub>/hr.**

**User configurable operating pressures from 0.3 to 5 bar**

**Operational temperature: -30C to +60C**

**Color graphic user display with connectivity options**

**Input voltage: 24VDC, 2.5A (60W)**

**Unit size: 41 cm W x 34 cm D x 102 cm H | Weight: 118 kg**

#### Lightweight

6X lighter than standard  
hydrogen storage methods



#### Safer Operation

Low Pressure, Solid State,  
Long Storage Life



#### Compact

Equivalent to 12 standard  
bottles of hydrogen



#### Better For Environment

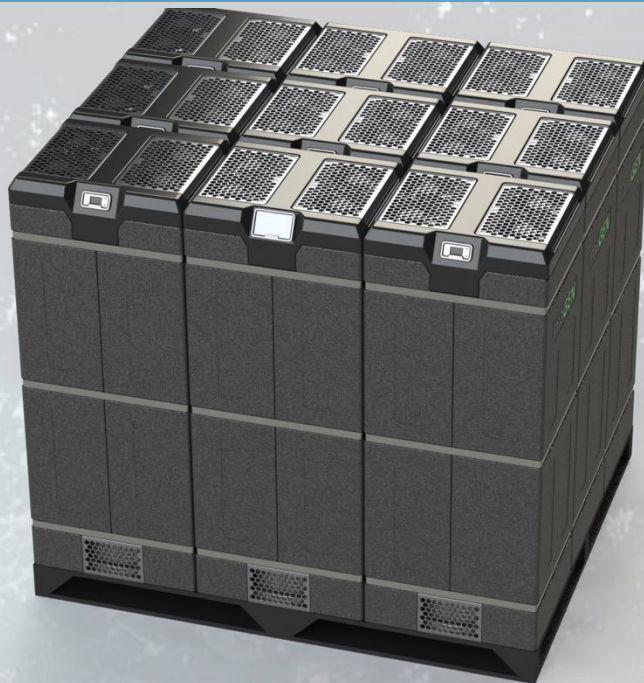
Reduced Logistics  
No Carbon Emissions





## Tru-H<sub>2</sub> MH-540

### Modular Hydrogen Production and Storage Solution



**Multi-modal, scalable  
hydrogen storage & supply  
across numerous use cases**



[www.aich2.com](http://www.aich2.com)

**Compact, scalable H<sub>2</sub> delivery from 10kW to 250kW**

**H<sub>2</sub> Storage: 54 kg H<sub>2</sub> per module**

**H<sub>2</sub> Production Rate: up to 3kg H<sub>2</sub>/hr.**

**User configurable operating pressures from 0.3 to 5 bar\***

**Operational temperature: -30C to +60C**

**Color graphic user display with connectivity options**

**Input voltage: 24VDC, 14.5A (350W)**

**Unit size: 122cm W x 102cm D x 110 cm H | Weight: 1090 kg**

### Lightweight

6X lighter than standard  
hydrogen storage methods



### Safer Operation

Low Pressure, Solid State,  
Long Storage Life



### Compact

Equivalent to 108 standard  
bottles of hydrogen



### Better For Environment

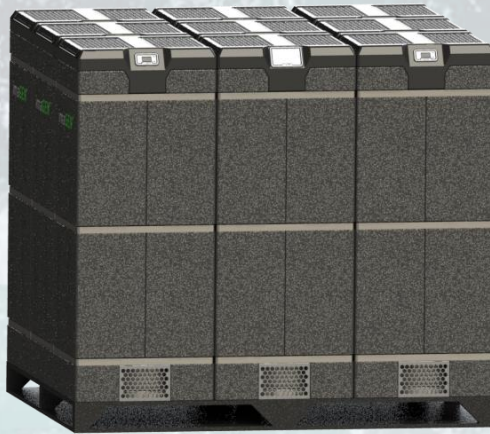
Reduced Logistics  
No Carbon Emissions





## *Tru-H<sub>2</sub> Compact Modular Hydrogen Use Cases*

**MH-540**






**MH-60**



**MH-10**



	MH-540	MH-60	MH-10
<b>Portability</b>	 ★★★☆☆	 ★★★★☆	 ★★★★★
<b>H<sub>2</sub> Backup Capacity*</b>	864kWh ★★★★★	96kWh ★★★★☆	16kWh ★★★☆☆
<b>Scalability</b>	<p><b>Combine multiple units to fit your requirements</b> ★★★★★</p> <p>Example: for 64kWh backup solution, connect 4 MH-10 Units (4 x 16kWh)</p>		

\*Capacity based on fuel cell consuming H<sub>2</sub> @ 48% Efficiency, Each module is limited to a max H<sub>2</sub> generation rate. See model specification sheet for additional details.

## *Non-Carbon Emitting Backup Power*



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**Cell Tower**



**Warehouse**



**Emergency**

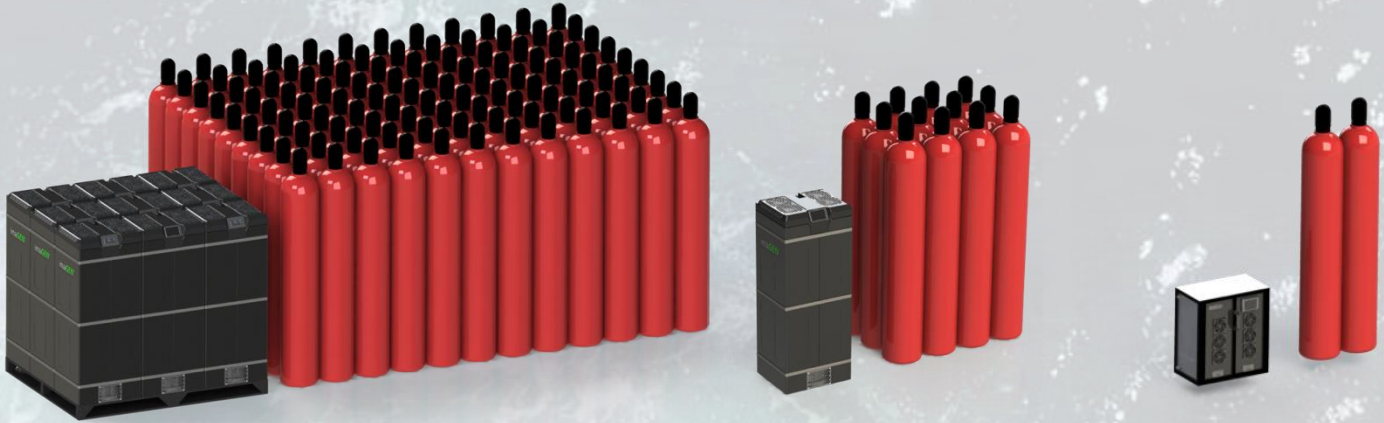


**Data Center**

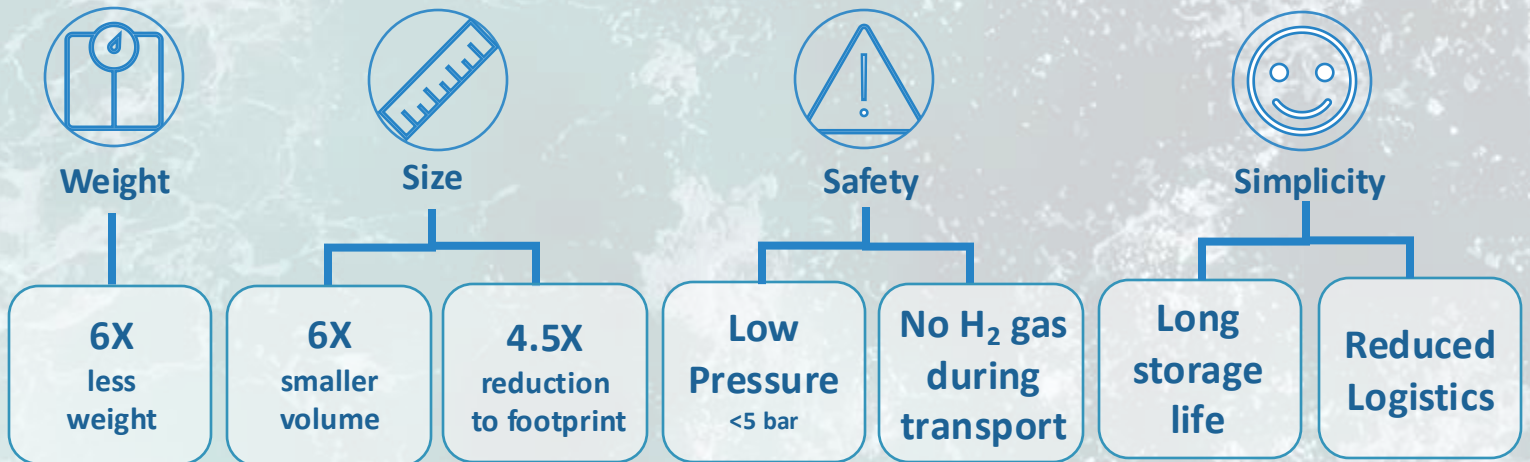


**Mobility**

## *Tru-H<sub>2</sub> Solutions vs. Standard Industrial Bottles*



	MH-540	MH-60	MH-10
H <sub>2</sub> Bottle Equivalent	108	12	2



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