

July 2007



Hydrogen and Fuel Cell Product Catalog



Hydrogen and Fuel Cell Catalog

- ▶ Announced July 5, 2007
- ▶ Currently retains 36 products from NHA Members
- ▶ Information collected on 46 total products thus far
- ▶ Users can enter their own product information
- ▶ Can search by brand, model, product type, application, or simply “display all products”
- ▶ Publicly available on NHA Website:

<http://www.hydrogenassociation.org/general/products.asp>



User Friendly

- ▶ Search by :
 - Application: Transport, Back-up Power, Storage, Fueling, etc.
 - Category: Handling, Generation, Fuel Cell, Eletrolyzer, etc.
- ▶ Product Details:
 - Category & Application
 - Dimensions, Price, Availability
 - Input/Output, Run Time, Efficiency
 - Contact/Purchase information
 - And More!



Product Entry

Messages (233Kb PDF)

Hydrogen Info

- ◆ Fact Sheets
- ◆ FAQs
- ◆ The Basics
- ◆ Links

Fueling Station Database

Hydrogen and Fuel Cell Product Catalog

- Add a Product
- Search Products

Fuel Cells

Fleet Owners/Operators

State and Regional Initiatives

NHA Publications

Search this site

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as possible.

Manufacturer	<input type="text"/>
Product name	<input type="text"/>
Application	<input type="checkbox"/> Light-duty transport (non-automotive) <input type="checkbox"/> Light-duty transport (automotive) <input type="checkbox"/> Heavy-duty transport <input type="checkbox"/> Portable/micro electronics <input type="checkbox"/> Stationary power <input type="checkbox"/> Backup power <input type="checkbox"/> Auxiliary power <input type="checkbox"/> Education <input type="checkbox"/> Storage <input type="checkbox"/> Component <input type="checkbox"/> Fueling <input type="checkbox"/> Service
Category	<input type="checkbox"/> Power conversion device <input type="checkbox"/> Storage <input type="checkbox"/>

Audience shows State Fair Audience that

NHA Fall 2007 Topical Forum
Hydrogen Uses in the Military
 October 2-4
 Columbia, South Carolina

H₂ Hydrogen Student Design Contest

NHA Annual Hydrogen Conference 2008
Ramping Up Commercialization

Find Jobs. Post Jobs. Connect.
hydrogenandfuelcelljobs.org

Clean Energy Events Calendar

Hydrogen and Fuel Cell Safety



Searchable Catalog



In this Section

General Information

NEW!

Key Hydrogen Messages (233Kb PDF)

Hydrogen Info

- ◆ Fact Sheets
- ◆ FAQs
- ◆ The Basics
- ◆ Links

NEW!

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Search this site



Home > General Information > Hydrogen and Fuel Cell Product Catalog: Search

Hydrogen and Fuel Cell Product Catalog: Search

As of 06/25/07, there are 36 products listed in the Hydrogen Fuel Cell Product Catalog. You may search the catalog by selecting at least one of the qualifiers below.

- ◆ Display all Hydrogen and Fuel Cell Products

Manufacturer	<input type="text"/>
Product name	<input type="text" value="Electrolyzer"/>
Application	<input type="checkbox"/> Light-duty transport (non-automotive) <input type="checkbox"/> Light-duty transport (automotive) <input type="checkbox"/> Heavy-duty transport <input type="checkbox"/> Portable/micro electronics <input type="checkbox"/> Stationary power <input type="checkbox"/> Backup power <input type="checkbox"/> Auxiliary power

Hydrogen Headlines

- ◆ South Carolina Hydrogen and Fuel Cell Alliance Shows State Fair Audience that

NHA Fall 2007 Topical Forum
Hydrogen Uses in the Military
 October 2-4
 Columbia, South Carolina

H₂ Hydrogen Student Design Contest

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Ramping Up Commercialization

Find Jobs. Post Jobs. **Connect**



Search Results

In this Section

General Information

NEW!
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NEW!
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NHA Publications

Search this site



Join the Mailing List



Catalog: Results

Hydrogen and Fuel Cell Product Catalog: Results

8 products were found. Search again?

If you know of a product that isn't listed here, please email us: hazeltonR@HydrogenAssociation.org.

Hydrofiller

Avalence

HFI - Hydrogen Fuel Injection

Canadian Hydrogen Energy Company

HOGEN H Series Generator

Distributed Energy Systems

HOGEN RE S Series

Distributed Energy Systems

HPE30 - High Pressure Electrolyser

Hydro Oil & Energy, Hydrogen Technologies

Inergon - PEM Electrolyser

Hydro Oil & Energy, Hydrogen Technologies

Atmospheric Electrolyzer

Hydro Oil & Energy; Hydrogen Technologies

consulting services

Hyenergy Consulting, LLC

Hydrogen Headlines

Hydrogen is a Gas

- ◆ Hydrogen and Fuel Cell Technology from North-Rhine Westfalia,

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hydrogenandfuelcelljobs.org

Clean Energy Events Calendar



Product Display

http://www.hydrogenassociation.org - National Hydrogen Association - Mozilla Firefox



Hydrogen and Fuel Cell Product Catalog: Detailed Results

[Print Page]

Hydrofiller Avalence

[Visit Website](#)

Application(s): Light duty , Light duty - automotive, Heavy duty, Stationary, Backup, Auxiliary, Fueling

Category(ies): Electrolyzer, Generation

Available now

Price: \$\$95k-\$315k

Warranty: yes

The Avalence Hydrofiller utilizes electrolysis of water to produce ultra-high-pressure hydrogen gaseous fuel without a compressor. Four standard (pre-commercial stage) Hydrofiller models produce hydrogen fuel at either 2,500 or 6,500 psi and rates of 1, 3, 5 and 10kg/day. A large scale 300kg/day model is under development. The Hydrofiller accommodates fluctuating renewable energy sources (solar, wind, etc). Avalence provides a variety of services related to complete system integration including renewable power, storage and dispensing.

Height: 96 inches

Width: 54 inches

Depth: 60 inches

Input(s): Electricity, Water,

Input range: 25 kW min. - 1.5 kW max.

Output type: hydrogen

Output amount: 1-10 kg/day

Voltage pressure: 6,500 psi

Efficiency: > 70% LHV < 60 kWh/kg hydrogen

Maintenance: 6 month cycles

Runtime: 10-15 years



[Close]

Done



PresentationLibrary



The National Hydroge...



http://www.hydro...



Microsoft PowerPoint



Adobe Photoshop



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