

YOUR GUIDE TO THE HYDROGEN ECONOMY

H2Nation

Hydrogen / Solar / Wind Energy

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Cool New Glass That Heats

Nearly everyone has experienced that feeling of warmth and additional comfort when outside temperatures are low and they stand in a bright ray of sunshine. This warm feeling is caused by radiated energy. Most people also have experienced that cold, drafty feeling inside a warm building when they stand close to a window or large area of glass. This is because of the heat radiating from your body to the cold glass.

Now a company has developed a window that puts radiant energy to work, not only to eliminate that feeling of cold and drafts; but also to supply supplemental heating in a home or commercial building. IQGlas is the manufacturer with offices in the US and Europe.

In their design, two panes of glass enclose an insulating, non-toxic gas. The inner pane has a clear metallic oxide layer that, when supplied with electric current, radiates heat into the building while blocking radiant heat to the outside. A ten square foot (approximately one square meter) window could supply close to 800 BTU's of heating energy. Homes with radiant in-floor heating systems would especially benefit from the use of this type of window, because thermostats could be set many degrees lower without losing any level of heating comfort. This would automatically result in lower overall heating bills, even with the additional electricity for the windows. <http://www.iqglas.com>

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TIDALFORCE

Powered by a 750-watt WaveCrest Adaptive Motor® system in its rear wheel hub, the M-750 is ideal for many different transportation and recreational uses. Riders can pedal without assistance for exercise, ride easily past congested traffic to run errands, and add as much power as they need to level hills and cover long distances. The M-750 is very reliable and durable, extremely comfortable and easy to operate, and incredibly fun to ride. With low noise, heat and no pollution, it's also good for the environment.

PERFORMANCE

- Maximum speed: 20 mph (32 km/h)
- Range : 20 miles (32 km)
- Weight (with front hub battery): 64 lbs (30 kg)
- Gross payload: 350 lbs (160 kg)

BATTERIES

- Front hub battery: 36V NiMH
- Charging time: 3-6 hours



MOTOR

- 750-watt WaveCrest Adaptive Motor system provides exceptional power.
- Unique WaveCrest DSP controller delivers high torque across all speeds.

BICYCLE

- Rider can add power with pedals or propel vehicle on human power alone using seven-speed gears.
- Strong, light aluminum frame.
- Comfortable, adjustable gel-padded seat.
- Double Crown Suspension Front Fork, 26" wheels, linear pull brakes.

MSRP: \$2499

Contact : www.wavecrestlabs.com