Pure Electrolytic Hydrogen with the SULFUR MAGNET™ & the H2 Final Filter®

H_2 Fuel Cells rely on ultra-high purity hydrogen for efficient operation and long life for a high ROI. The catalysts used in fuel cells are expensive and easily damaged by volatile sulfur compounds such as hydrogen sulfide (H_2S). Unfortunately, the current paradigm uses electrolysis to produce hydrogen with by-product H_2S that can contaminate the integrity of the H2 Fuel Cell, which reduces their efficiency and total lifetime.

Make electrolytic hydrogen pure the easy way using as SULFUR MAGNET™ water filter to remove sulfur from the water input to the cell and a H2 Final Filter® filled with the SULFUR MAGNET™ placed on the electrolytic cell's output H2 line. The SULFUR MAGNET™ is the most tenacious, inexpensive, non-toxic sulfur sorbent for cleaning water, hydrogen, and other fluids. An independent third party found it reduced H_2S from 1.902 ppm to under 200 ppt, the limit of detection. This is much cleaner than the current World standard of 4 ppb and would dramatically raise the ROI of H2 Fuel Cell ownership.

Reducing the sulfur content to 1 ppb would quadruple the efficiency and lifetime of the fuel cell. Hydrogen is the CO_2 avoidance solution to stop global climate change and Standard H_2, Inc. has the inexpensive solution to make the highest purity hydrogen from any source.

The SULFUR MAGNET™ is available for removing volatile sulfur compounds from most gases and most liquids. Please refer to the SDS for additional details.