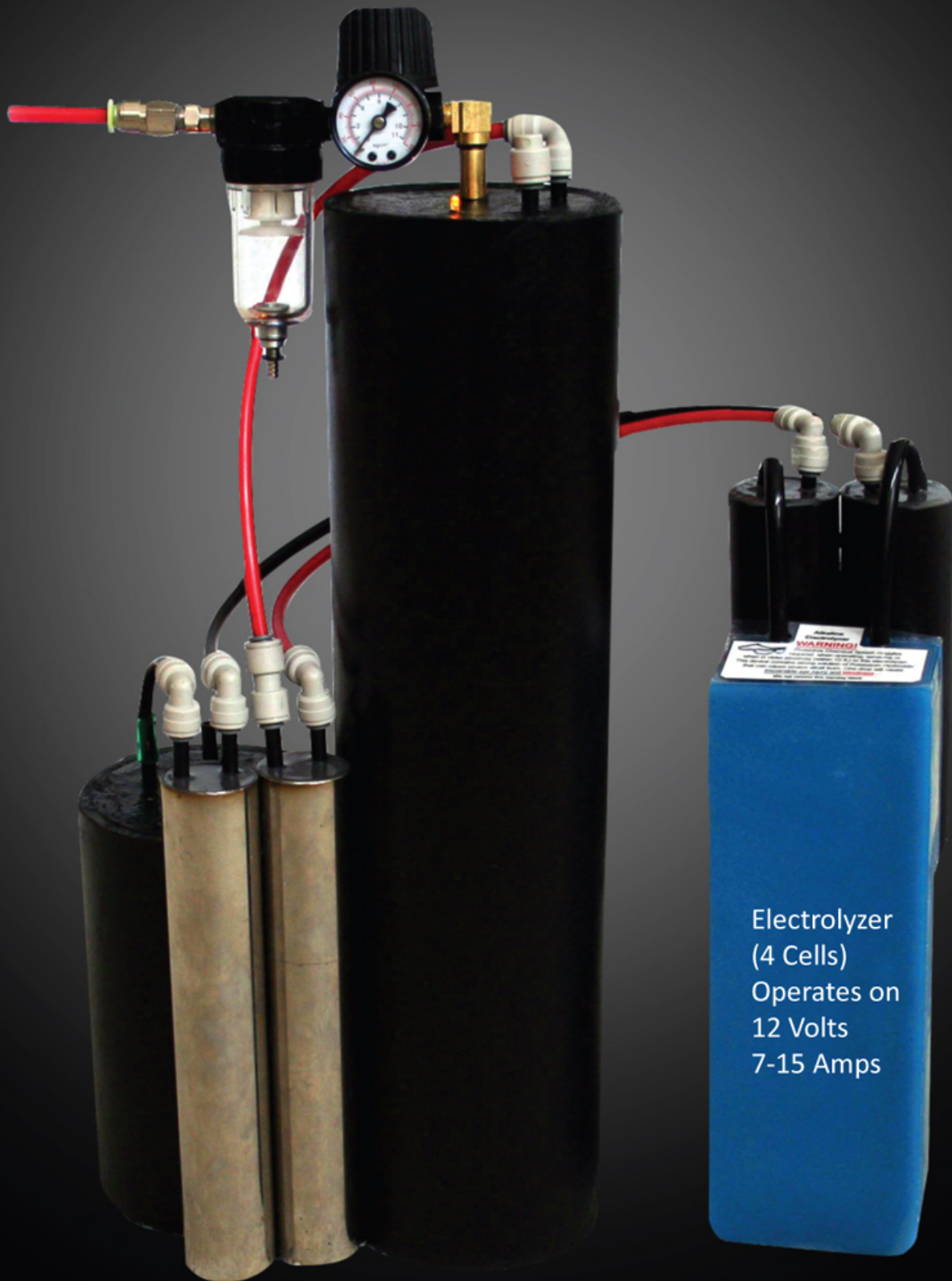


LAB H₂ SUPPLY



Modular Pressurized H₂ Delivery System for 12W-100W PEM FC



Electrolyzer
(4 Cells)
Operates on
12 Volts
7-15 Amps

On-site Hydrogen Supply System

The Lab H₂ Supply is a small electrolyzer designed to produce and deliver a continuous flow of pressurized hydrogen gas up to 30 psi, enough to power small 12W-100W fuel cells from Horizon.

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Modular Pressurized H₂ Delivery System for 12W-100W PEM Fuel Cells

The Lab H₂ Supply is a small alkaline electrolyzer designed to produce and deliver a continuous flow of pressurized hydrogen gas up to 30 psi, enough to power small 12W-100W fuel cells from Horizon.

Features

- 70% Electrolyzer efficiency
- 99.9% Hydrogen gas purity
- Pressure up to 30 psi
- Rugged all sealed construction for outdoor use
- Unique "Add-and-Grow" / modular system



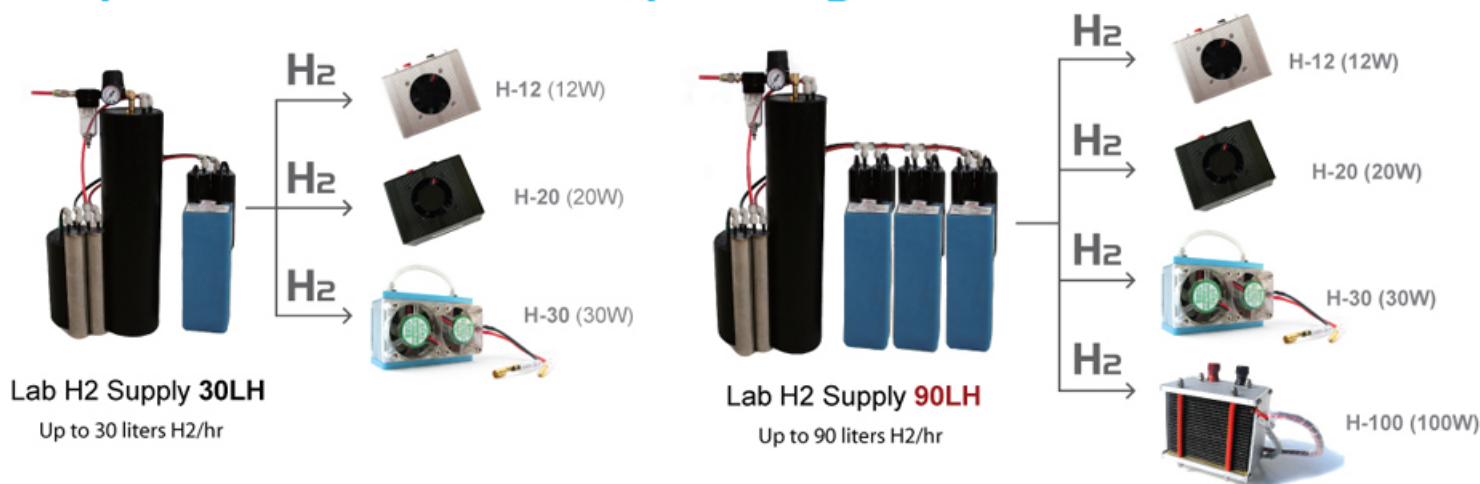
Applications

- Horizon PEM FC 12W-100W
- Laboratory testing
- Education & training

Specifications

Dimensions:	3 x 4 x 7.5 in 7.6 x 10.2 x 19.1 cm
Electrodes:	316L Stainless Steel
Body Casing	High Temp. Polyurethane Casting
Electrolyte:	30% KOH
No. of cells:	4 cells (3 volts/ cell)
Voltage:	12 volts DC
Max. Current; H ₂ / O ₂ Output:	15 Amps.; 30 liters H ₂ /h. ; 15 liters O ₂ / h.
Min. Current; H ₂ / O ₂ Output:	7 Amps.; 15 liters H ₂ /h. ; 7.5 liters O ₂ / h.
Recommended Power Supply:	Solar Panel minimum 90 watt, 12 volt 12 volts Regulated Power Supply 12 volts Car Battery Charger 12 volts Deep Cycle Battery
Hydrogen Purity:	99.9 %
Electrolyte:	30% KOH in Distilled Water for initial charge.
Water refill:	Automatic with built-in micropump

Options & Fuel Cell Compatibility



Contact us today!

h2supply@horizonfuelcell.com