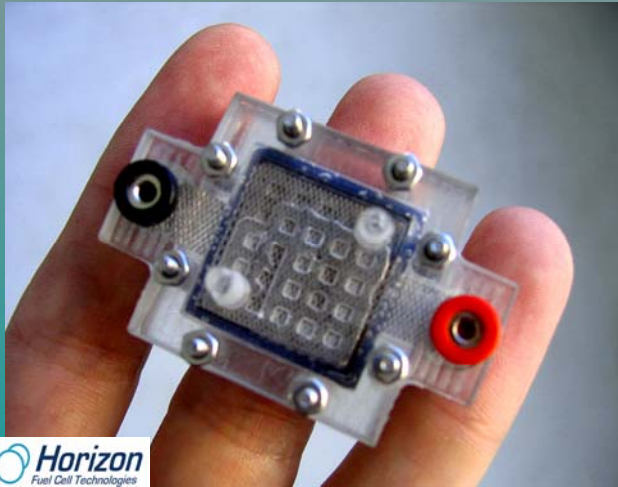


Mini 0.3W H₂/Air PEM Fuel Cell

Ref # FCSU-011



Converts H₂ and Oxygen from the Air into electricity and water. It can be integrated into small applications using a small hydrogen storage module as the fuel source.

- Dimensions:31mm x 31mm x 10mm
- Weight:20 grams
- Rated net power:0.3W
- Rated net current:500mA
- DC Voltage range:0.6V

0.3W H₂/Air PEM Fuel Cell

Ref # FCSU-022

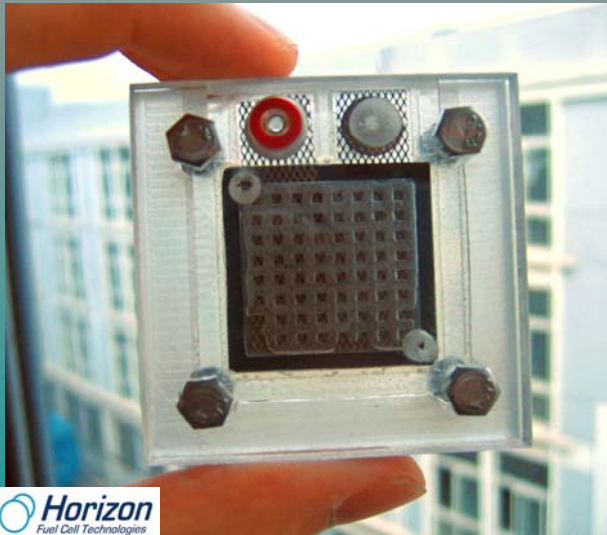


Converts H₂ and Air from the ambient atmosphere into electricity and water. Designed to use Hydrogen from a small hydrogen storage module.

- Dimensions:54mm x 54mm x 27mm
- Weight:69 grams
- Rated net power:0.3W
- Rated net current:500mA
- DC voltage range:0.6V

0.3W reversible PEM fuel cell & electrolyser

Ref # FCSU-021



When applying an electrical current (solar or DC power), the reversible fuel cell is an electrolyzer that produces Hydrogen and Oxygen from water. When applying a load, the electrolyzer becomes a fuel cell and generates electricity from hydrogen.

Dimensions:54mm x 54mm x 27mm
Weight:69 grams
Electrolyzer function: 1.65V, 0.5A
H₂ Production:6ml per minute
O₂ Production:3ml per minute
Fuel Cell function:
Rated net power:0.3W
Rated net current:500mA
DC voltage range:0.6V

0.6W reversible PEM fuel cell & electrolyser

Ref # FCSU-031



When applying an electrical current (solar or DC power), the reversible fuel cell is an electrolyzer that produces Hydrogen and Oxygen from water. When applying a load, the electrolyzer becomes a fuel cell and generates electricity from hydrogen.

Dimensions:64mm x 66mm x 32mm
Weight:110 grams
Electrolyzer function: 1.65V, 1 A
H₂ Production:10 ml per minute
O₂ Production:5 ml per minute
Fuel Cell function:
Rated net power :0.6 W
Rated net current:1 A
DC voltage range:1.65V

1W H2/Air PEM Fuel Cell

Ref # FCSU-041

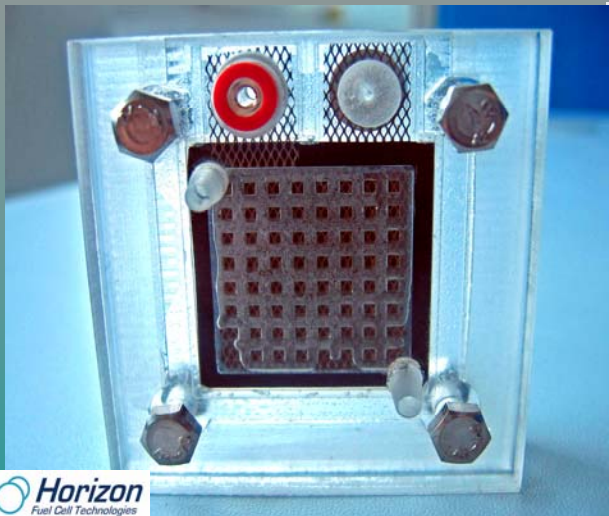


Converts H₂ and Air from the ambient atmosphere into electricity and water. Designed to use Hydrogen from a small hydrogen storage module.

- Dimensions:64mm x 66mm x 32mm
- Weight:110 grams
- Rated net power:1 W
- Rated net current:.....1.5 A
- DC Voltage range:0.6V

Electrolyser

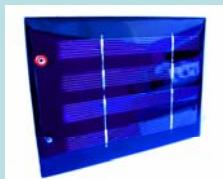
Ref # FCSU-010



Use it to produce Hydrogen and Oxygen from water using an external power source (solar or DC power). Gases can produced and stored using specially designed gas & water containers.

- Input: 1.65V, 0.5A
- Dimensions:54mm x 54mm x 17mm
- Weight:67.7 grams
- H₂ Production:5ml per minute
- O₂ Production:2.5ml per minute

Mini Solar Panel Module



- 1W solar panel
- 15 cm X 12 cm

Ref # FCSP-011

Gas & Water Containers



- Hydrogen and Oxygen level measure labels
- 2 water containers (60cc)
- 2 gas containers (16cc)

Ref # FCEU-029

DC Power Pack



- Adapts 2 (1.5V) AA batteries
- Single plug
- On-Off Switch

Ref # FCSP-024

Syringe



- Used to inject water into the Electrolyzers and Fuel cells (membrane humidification)

Ref # FCEU-027

DC Socket & Plugs



- 2 banana plugs
- Single DC socket

Ref # FCSP-028

Tubes & Closures



- Silicone rubber tubes
- Plastic closures for gas closures

Ref # FCEU-026