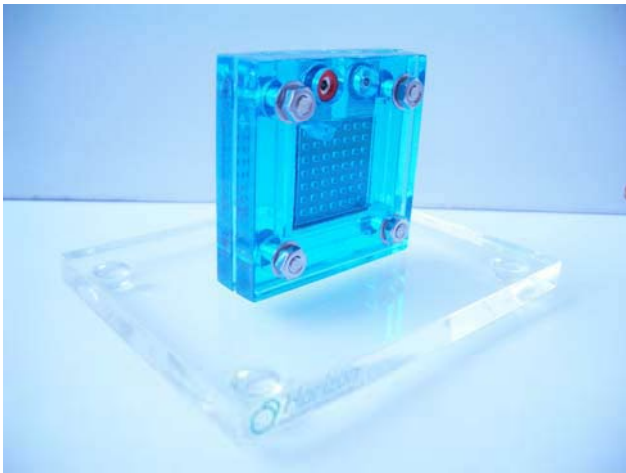


Low Powered Fuel Cells

Electrolyser



- High performance electrolyser
- Dimensions (w x h x d): 54mm x 54mm x 17mm
- Total Weight: 154.1 grams (with base)

- You can use it to produce hydrogen and oxygen from water using an external power source (solar or DC power)

- Input Voltage: 1.7V ~ 2V (d.c.)
- Input Current: $\geq 1A$ at 2V

- Hydrogen production rate: 7ml/min
- Oxygen production rate: 3.5ml/min

- These gases can then be stored using specially designed gas & water containers

Product Ref No.: (FCMM-012)

300mW Reversible Fuel Cell

- High performance reversible electrolyser & PEM fuel cell
- Dimensions (w x h x d): 54mm x 54mm x 17mm
- Total Weight: 156.2 grams (with base)

- When applying an electrical current (solar or DC power), the reversible fuel cell act as an electrolyser that produces hydrogen and oxygen from water

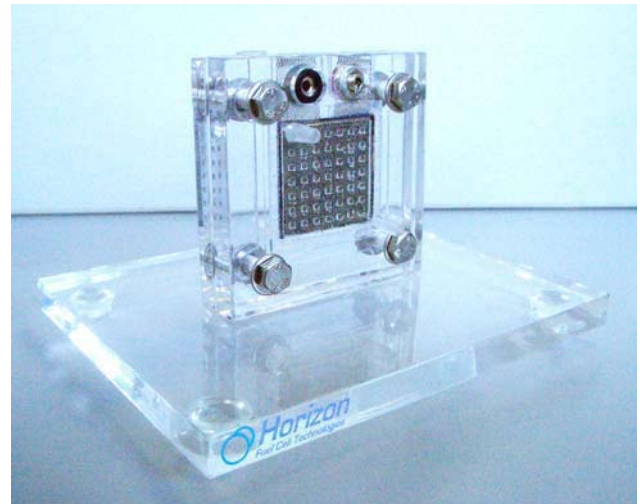
- Input Voltage: 1.7V ~ 2V (d.c.)
- Input Current: $\geq 0.7A$ at 2V

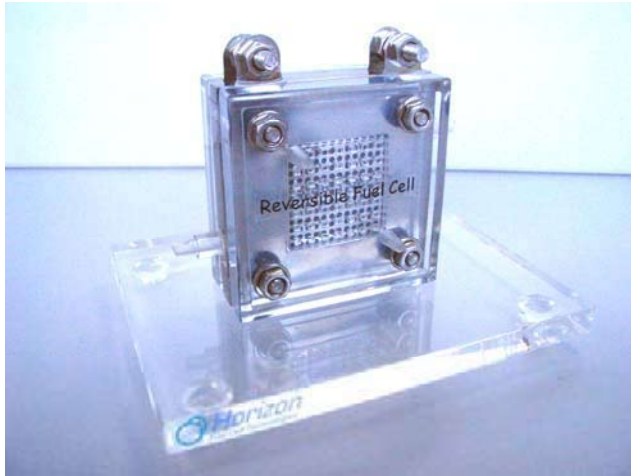
- Hydrogen production rate: 5ml/min
- Oxygen production rate: 2.5ml/min

- Output Voltage: 0.6V (d.c.)
- Output Current: 0.5A
- Power: 300mW

- When applying a load, the electrolyser becomes a fuel cell and generates electricity from hydrogen

Product Ref No.: (FCSU-023)





600mW Fuel Cell

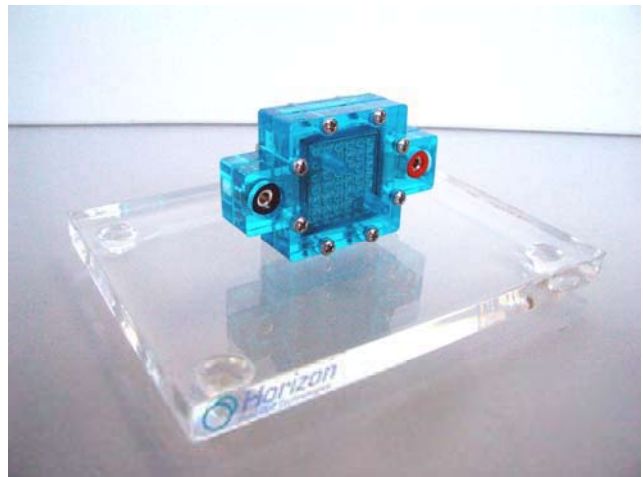
- High performance reversible electrolyser & PEM fuel cell
- Dimensions (w x h x d): 54mm x 54mm x 26mm
- Total Weight: 202.6 grams (with base)
- When applying an electrical current (solar or DC power), the reversible fuel cell act as an electrolyser that produces hydrogen and oxygen from water
- Input Voltage: 1.7V ~ 2V (d.c.)
- Input Current: $\geq 1.4A$ at 2V
- Hydrogen production rate: 10ml per minute at 2V
- Oxygen production rate: 5ml per minute at 2V
- When applying a load, the electrolyser becomes a fuel cell and generates electricity from hydrogen
- Output Voltage (Parallel/Series) 0.6V/1.2V (d.c.)
- Output Current (Parallel/Series): 1A/0.5A
- Power: 600mW

Product Ref No.: (FCSU-032)

“Mini” 300mW Fuel Cell

- High performance H₂/Air PEM fuel cell
- Dimensions (w x h x d): 32mm x 32mm x 10mm
- Total Weight: 111.9 grams (with base)
- Converts H₂ and Air from the ambient atmosphere into electricity and water
- Output Voltage: 0.6V (d.c.)
- Output Current: 0.4A
- Power: 240mW
- Designed to use hydrogen from a hydrogen storage module

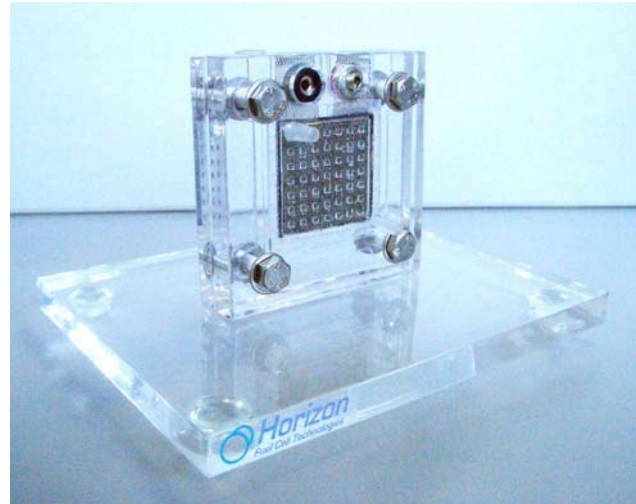
Product Ref No.: (FCSU-012)



300mW Fuel Cell Module

- High performance H₂/Air PEM Fuel Cell
- Dimensions (w x h x d): 54mm x 54mm x 17mm
- Total Weight: 153.6 grams (with base)
- Converts H₂ and Air from the ambient atmosphere into electricity and water
- Output Voltage: 0.6V (d.c.)
- Output Current: 500mA
- Power: 300mW
- Designed to use hydrogen from a hydrogen storage module

Product Ref No.: (FCSU-024)



1W Fuel Cell Module

- High performance H₂/Air PEM Fuel Cell
- Dimensions (w x h x d): 54mm x 54mm x 26mm
- Total Weight: 200.3 grams (with base)
- Converts H₂ and Air from the ambient atmosphere into electricity and water
- Output Voltage: 1.2V (d.c.)
- Output Current: 800mA
- Power: 1W
- Designed to use hydrogen from a hydrogen storage module

Product Ref No.: (FCSU-042)

