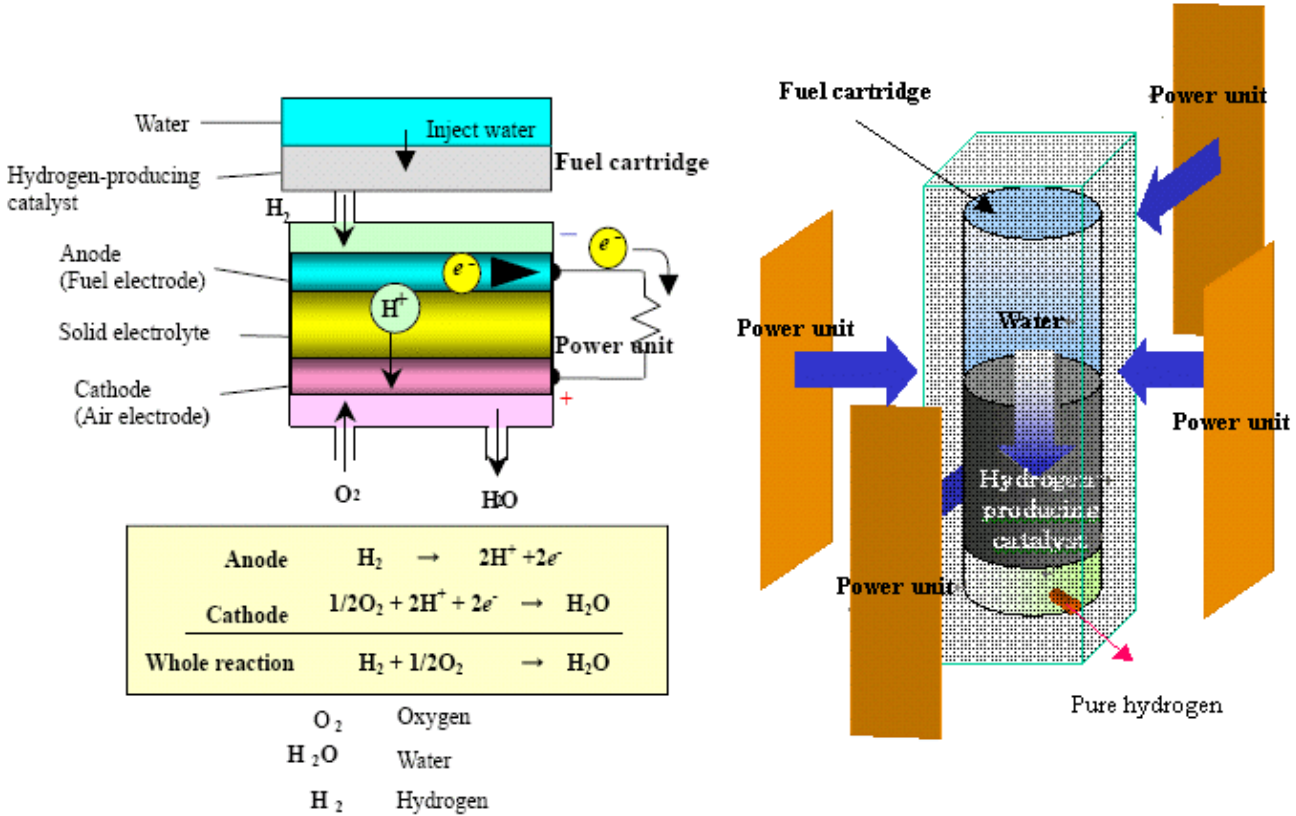


Attachment

Micro Polymer Electrolyte Fuel Cell Recharger for FOMA Handsets

1. Water is injected into a fuel cartridge where a catalyst converts it into hydrogen.
2. Hydrogen is channeled to the anode in the power unit.
3. The hydrogen is separated into ions and electrons.
4. The electrons flow from the anode to the cathode through an external circuit, producing electricity.
5. At the cathode, the hydrogen ions and electrons combine with oxygen to produce water.



Height x Width x Thickness	24 x 24 x 70 mm
Weight	45 grams
Fuel	Water and hydrogen-producing catalyst (10cc cartridge)
Output power	2 watts
Electrical capacity	10 Wh
Number of charges per fuel cartridge	Can charge one FOMA handset lithium-ion battery, 3.6 V and 800 mAh, approx. three times
Time	Approx. 120 minutes per charge