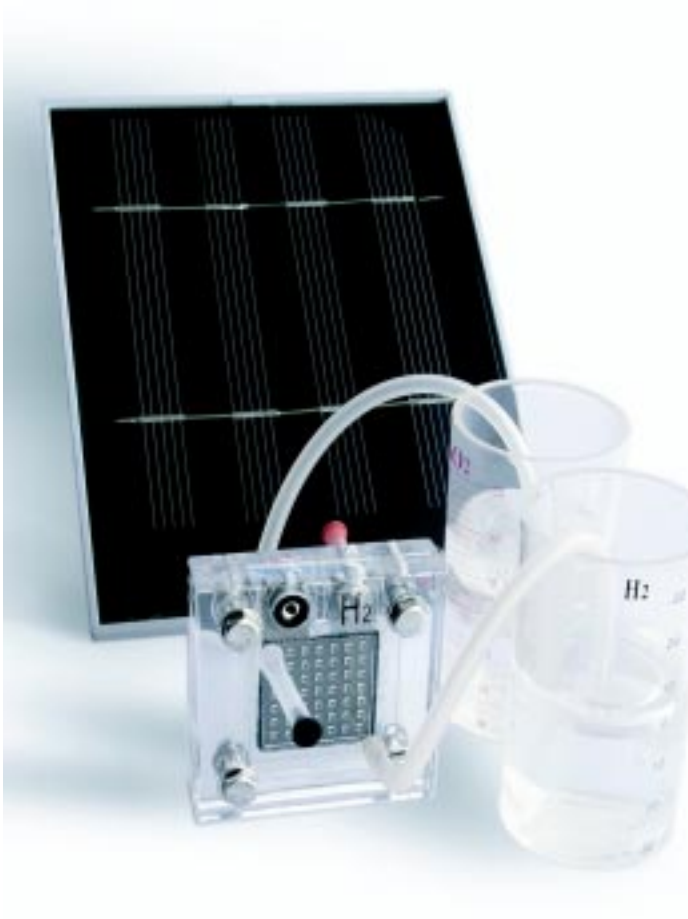
SOLAR HYDROGEN POWER EDUCATION KIT

N300-FCJJ16

$69



With this solar hydrogen kit, you have the freedom to invent your own clean energy application using fuel cells and renewable hydrogen formed using the sun and water. This set is an optimal tool for science labs, classroom use, or demonstration purposes. Students will develop their own applications by using a zero-carbon energy carrier. This kit includes a solar cell, a PEM reversible fuel cell, and oxygen and hydrogen gas containers.

SOLAR PANEL:
* Dimensions: 125mmx155mmx8mm
* Voltage (at optimum power point) 2.2V d.c.
* Current (at maximum power point) 450mA
* The module includes:
- 1 set of 30cm wires - Frame backing for 45 degrees to a flat surface

REVERSIBLE PEM FUEL CELL:
Electrolyzer function:
* Input Voltage: 1.7V ~ 3V (DC)
* Input Current: greater than or equal to 0.7A at 2V
* Hydrogen production rate: 5ml/min
* Oxygen production rate: 2.5ml/min

Fuel cell function:
* Output voltage: 0.6V (DC)
* Output Current: 300mA
* Output Power: 180mW

NEW

RENEWABLE ENERGY EDUCATION SET

N300-FCMM19

$289

The Renewable Energy Education Set is a modular experiment set designed to demonstrate the workings of a complete clean energy technology system on a miniature scale. With this kit, an entire renewable energy system can be constructed on a lab-scale. The set is modular so users can learn the system step by step, configure the system in different ways, and visualize the workings of clean energy principles form start to finish.