

## **FUEL CELLS FOR EDUCATION**

Company Name	Product	Types of Fuel Cells Developed	# Of Cells in Stack	Standard Voltage	Current (A)	Power (W)	Operating Temperature	Fuel Used	Size	Price	Picture	Comments
Astris Energi, Inc.	LABCELL ™ 200	Alkaline	Availabl e in 1, 2, 4, 8, and 16 cell stacks	0.75, 1.5, 3, 6 and 12 v	20 A at full operating temperatu re of 70 degrees C, derated to 10 A at room temp.	Up to 240 W	0 - 80 degrees C	Hydrogen	200 sq. cm (4 cell stack = 230 x 180 x 60 mm)	1cell=\$175.00; 2cellstack=\$3 25.00; 4cellstack=\$6 50.00; 8cellstack=\$1 200.00; 16cellstack=\$ 2400.00	Dr	For laboratory experimentation and small power applications
Astris Energi, Inc.	LABCELL ™ 50	Alkaline	Single cell, 2 cell stack, 4 cell stack and 8 cell stack	0.75 V per cell, so available in 0.75 v, 1.5 v, 3v and 6 V	2.5 A at room temp. / 5 A at 70 degrees C (158 degrees F)	Up to 60 W	0 - 80 degrees C	Hydrogen	50 sq. cm (130 x 100 x 30 mm)	1cell=\$90; 2cell- stack=\$150.00 ; 4cellstack=30 0.00; 8cellstack=\$6 00.00	Dr	For laboratory demonstration and experimentation purposes
Avista Lab	SR-12 500W PEM Fuel Cell	PEM		25 – 39 DC dynamic (120 VAC Single Phase available with optional inverter)		500 W	41 to 95 degrees F (5 to 35 degrees C)	Hydrogen	22.3 x 24.2 x 13.6 inches (.56 x .61 x .345 m)		THE REAL PROPERTY OF THE PARTY	The SR-12 is a popular fuel cell for engineering and technical school use. All Avista Labs fuel cells are excellent study vehicles for chemical, mechanical, materials and electrical engineering students. In addition, many utilities and power engineering businesses find the SR-12 a perfect platform for understanding fuel cell technology and identifying application opportunities for the future.
BCS Technology, Inc.	4-Cell Convection Type Stack	PEM	4	2.4 V	1.3 A	3 W	42 degrees Celsius		10 cm sq.		A.E. 1.	
BCS Technology, Inc.	10-Cell Convection Type Stack	PEM	10	6 V	1.3 A	10 W	55 degrees Celsius		10 cm sq.		44.4	

BCS Technology, Inc.	10-Cell Convection Type Stack	PEM	10	6 V	5 A	30 W	50 degrees Celsius	25 cm sq	
BCS Technology, Inc.	10-Cell Convection Type Stack	PEM	10	6 V	10 A	60 W	N/A	50 cm sq.	
BCS Technology, Inc.	10-Cell Forced-Flow Type Stack	PEM	10	6 V	25 A	150 W	60-70 degrees Celsius	64 cm sq.	
BCS Technology, Inc.	18-Cell Convection Type Stack	PEM	18	10 V	10 A	100 W	55-60 degrees Celsius	50 cm sq.	
BCS Technology, Inc.	21-Cell Forced-Flow Type Stack	PEM	21	12 V	25 A	300 W	60-65 degrees Celsius	64 cm sq.	
BCS Technology, Inc.	22-Cell Convection Type Stack	PEM	22	12 V	5 A	60 W	50 degrees Celsius	25 cm sq.	
BCS Technology, Inc.	24-Cell Convection Type Stack	PEM	24	15 V	10 A	150 W	50 degrees Celsius	50 cm sq.	
BCS Technology, Inc.	24-Cell Forced-Flow Type Stack	PEM	24	15 V	70 A	1000 W	60-65 degrees Celsius	245 cm sq.	
BCS Technology, Inc.	32-Cell Forced-Flow Type Stack	PEM	32	20 V	25 A	500 W	60 degrees Celsius	64 cm sq.	
BCS Technology, Inc.	4-Cell Convection Type Stack	PEM	4	2.4 V	5 A	10 W	45 degrees Celsius	25 cm sq.	

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BCS Technology, Inc.	48-Cell Forced-Flow Type Stack	PEM	48	30 V	70 A	2000 W	60-65 degrees Celsius		245 cm sq.		STORY OF THE STORY	
BCS Technology, Inc.	72-Cell Forced-Flow Type Stack	PEM	72	45 V	70 A	3000 W	N/A		245 cm sq.			
ElectroChem,	FC05-01SP- REF	PEM hardware				Range from 1 – 200 W models						Includes: 5 sq. cm PEM fuel cell hardware with one reference electrode, serpentine flow pattern, attached heaters, fittings, copper current collectors, 2 gaskets, banana plugs (also comes in 5 sp. and 50 sq. cm PEM hardware)
ElectroChem, Inc.	FC25-02PA	Phosphori c acid fuel cell (can also be used for Direct Methanol application s)					100-200 degrees F (max. operating temp. = 210)					Includes: 25 sq. cm PAFC fuel cell hardware, attached heaters, Teflon ® fittings, copper current collectors, 3 Teflon ® gaskets, banana plugs
ElectroChem, Inc.	Ec-powerpak- 200	PEM	17	12 V AC/DC		200 W (power rating)	Fan cooled inside enclosure	H2				
ElectroChem, Inc.	FC50-03SP	PEM	7			50 W (peak power = 100W)	Up to 100 Degrees F	Hydrogen at 3 atm			The same of the sa	Includes: 50 sq. cm PEM fuel cell hardware, 7 MEAs, 8 graphite plates, fittings, copper current collectors, banana jacks on each plate and two banana plugs
ElectroChem,	Portable PEM fuel cell demo unit (EC-PDU)	PEM	7	12 V DC		45 W @ 12VDC		Hydrogen	50x42x1 8 cm overall			Operating time is 300 hours - Includes: Aluminum suitcase, FC50-03SP fuel cell stack, CD player with speakers mounted in suitcase, two lecture bottles, gas/electrical connections
Electro-Chem- Technic	FC03 PEM Fuel Cell System - 2 cell stack	PEM	2	5 volts nominal		1.2 W	25 deg C	Hydrogen supplied by flexible tubing	60 x 80 x 30 mm	99 British pounds	PRINCE SALES  OF THE PRINCE SA	This clever PEM fuel cell design is far more than just another small fuel cell stack. Incorporated into the design is a DC/AC converter that boosts the voltage from the fuel cell to about 5 volts, making it far more useful. The electrical output is obtained by connecting to a standard screw terminal connector. A connection point for the hydrogen supply is also provided. A manually operated valve is incorporated into the cell, allowing the fuel side to be easily purged of air. This is a complete power supply system that only requires the connection of an H2 supply.

Electro-Chem- Technic	Mini Fuel Cell	PEM	1	With Alcohol fuel: 0.7 V to 0.3 V; With NaBH4 fuel: 0.9 V to 0.47 V	Dependin g on temperatu re: 0 to 500 mA		Fuel Flexible: Methanol, ethanol and sodium borohydride		24 British pounds, 20 pounds if ordering four or more cells	With rest, difference and rest, and	A remarkably small fuel cell, it is designed for demonstrating and explaining fuel cells, and for a wide range of chemistry experiments. The cell can be used with a range of fuels, such as methanol or ethanol. It has been designed specifically for children and students.
Electro-Chem- Technic	Aluminum/air Cell	PEM	1	0.9 Volts	400 mA			10 cm high	22 pounds for single units; 18 pounds if ordering four or more cells		As a battery system for student experiments, there can be nothing to rival the aluminum/air cell for safety and convenience. The cell can drive small electric motors, and although its operating voltage is only about 1 V, it will still drive higher voltage motors, including the 9V Technic LEGO motors.
Element 1 Power Systems	Single Slice fuel cell (1/2 W)	PEM	1			1/2 W	H2		\$84.95		Includes test results
Element 1 Power Systems	3 Membrane fuel cell	PEM		1.5 volts	1.0 amp	1.5 W	H2		\$299.95		
Element 1 Power Systems	6 Membrane fuel cell	PEM		3 volts	1 amp	3 W	H2		\$519.95		
Element 1 Power Systems	10 Membrane fuel cell	PEM					H2		\$699.95		
Element 1 Power Systems	Single Slice fuel cell (1W)	PEM	1			1 W	H2		\$124.95		Includes test results
Element 1 Power Systems	10 Watt fuel cell	PEM	10	5.0 volts	2.0 amps	10 W	H2		\$1299.95		
Element 1 Power Systems	3 Watt fuel cell	PEM	3	1.5 volts	2.0 amps	3 watts	H2		\$499.95		

Element 1 Power Systems	6 Watt fuel cell	PEM	6	3.0 volts	2.0 amps	6 W	H2	\$899.95		
Heliocentrics	Science through Hydrogen For GCSE science classes (junior-high general science classes)	N/A							Science through Hydrogen Savery for the fature	Some examples from the contents:     • energy conversion     • current and charge flow     • energy and environment     • redox reactions     • reversible reactions     • fuels, energy carriers     and many more
Heliocentrics	Physics through Hydrogen For A-Level physics classes (senior-high physics classes)	N/A							Physics through Hydrogen George for the teture	Examples of prepared lessons:  • series and parallel circuits  • current and charge flow  • characteristic curves  • energy and power  • efficiency  • energy transfer  and many more
Heliocentrics	Chemistry through Hydrogen For A-Level chemistry classes (senior-high chemistry classes)	N/A							Chemistry through Hydrogen Energy for the future	For A-Level chemistry classes (senior-high chemistry classes) Examples of prepared lessons:  • FaradayÖs laws  • electrolysis  • fuel cells  • catalysis  • reaction velocity  • efficiency  and many more
Heliocentrics	Energy through Hydrogen Research Notes	N/A							Energy through a Hydrogen a Research teles a Hydrogen a	This extensive description of theory and practice of solar hydrogen technology is an ideal supplement to the three lesson books.
Heliocentrics	Course program for secondary schools Complete Package	N/A							Science through Hydrogen Energy The future  Work of the future  Wo	Complete Package consisting of: article nos. 361E, 362E, 363E and 364E. Unique lesson-book compilation, approx. 300 pages, with experiments and extensive background information. Lots of examples from research and commercial applications. Supplied with the following packages: 350E, 322PE, 115E, 201PE, 391E, 392E
Heliocentrics	Fuel Cell Science Kit Solar Hydrogen Technology	PEMFC				0.5 W			Ly vii	More than 20 different experiments from the fields of physics and chemistry can be performed without further aids with this science kit. Carefully chosen student experiments convey fundamental scientific knowledge while examining this fascinating technology of the future.

Heliocentrics	Methanol Fuel Cell Science Kit	DMFC	0.1 – 0.6 V	100 mA (max)						1000	Let your students experiment with the energy source that will power the automobiles of tomorrow.  A wide range of experiments on the working principles and processes of the methanol fuel cell.  Safe operation with 1-3% aqueous methanol solution and ambient air.
Heliocentrics	Dismantable fuel cell	DMFC			600 to 800 mW (max)						Experiments giving a more detailed insight into the working principles of fuel cells and their process parameters.
Heliocentrics	Hydro- Genius <sup>a™</sup> School Basic	PEM									Basic equipment for demonstrating solar hydrogen technology consisting of a PEM electrolyser and a PEM fuel cell
Heliocentrics	Hydro- Genius™ School Complete	PEM								The second	Fully equipped solar hydrogen unit consisting of School Basic plus solar module, electric motor and the course program
Heliocentrics	Hydro- Genius™ School Complete	PEM									Experiment set in a carrying case consisting of the solar module (301E), PEM electrolyser (water splitting without liquid electrolytes (302PE)), PEM fuel cell (303E), electrical load (304E), course program for secondary school (360E), aluminum carrying case, and accessories.
Heliocentrics	Hydro- Genius™ Teach The Original	PEM						45 x 25 x 25cm		600	Consisting of a tiltable solar module, PEM electrolyser with gas-storage cylinders (water splitting without liquid electrolytes), PEM fuel cell and electrical load.  Complete with dust cover, all cables, tubes and the course program for secondary school (360).
Heliocentrics	Hydro- Genius™ Professional Basis	PEM									Consisting of PEM electrolyser (372E) and PEM fuel cell (374E)
Heliocentrics	Hydro- Genius™ Professional Demo	PEM									Consisting of hydro-Genius <sup>a</sup> ™ Professional Basis (390E), solar module (371E), load module (377E), course program (360E) and 550mm panel support frame (479)
Heliocentrics	Hydro- Genius™ Professional Complete	PEM									Consisting of hydro-Genius™ Professional Demo (391E), measuring instrument (379E), and 850mm panel support frame (480)
Heliocentrics	Hydro- Genius™ Teach	PEM								680	Solar hydrogen demonstration system Consists of solar module, PEM electrolyser (water decomposition without chemicals), PEM fuel cell, electric motor with fan, all required accessories and extensive written material.
Heliocentrics	Desk Top Fuel Cell Model Car	DMFC						Approx. 80 mm x 160 mm	\$99.00	6	Methanol fuel cells are one of the possibilities for future car engines.  Our desktop fuel cell model car is fuelled with 2% methanol in water solution (included). The methanol fuel cell powers the front wheel.
Undated	12/02		Available fo	or downlo	adina at:	http://www.fue	Noollo ora/Ed	lucation	odf	Croated by E	uel Cells 2000, All Rights Reserved

Heliocentrics	60 W RC Car	PEMFC	12 cells	10.2 to 6.0 volts	60 W	10 – 35 degrees C	Hydrogen in metal Hydride (3.5 hours per fill)	16x7.5 inches; 8lbs 4 oz (3750 g)		True	Goes 8 mph and has DaimlerChrysler, Ford, VW, Toyota, and Honda bodies in stock
National Fuel Cell Education Program (NFCEP) - ECO SOUL	Reversible Fuel Cell Kit	Reversible PEM		1.4 Volts open circuit					\$395.00 per kit (w/out shipping)		Includes Solar electric panel, small electric motor, and a reversible PEM fuel cell (RFC)
National Fuel Cell Education Program (NFCEP) - ECO SOUL	Hydrogen Outreach Program for Education (HOPE)	N/A							\$495.00 (w/out shipping)		HOPE was developed to teach secondary school students about the potential and benefits of hydrogen as a fuel. The curriculum is intended as a supplement to existing instructional materials
h-tec	ECO MODEL PEMFC Kit #1919	PEM	1		600 mW	Ambient	H2	98x80x7 8 mm (3 5/6"x3 1/6"x3")	\$110 USD		Fuel Cell can be disassembled  North American Distributor is Solar Hydrogen Systems: <a href="http://www.solarhydrogensystems.com">http://www.solarhydrogensystems.com</a> European Distributor is Fuel Cell Model: <a href="http://www.fuelcellmodel.com">http://www.fuelcellmodel.com</a>
h-tec	ECO MODEL PEMRFC Kit #1924	PEM	1		2 W (electrol yzer mode); 600 mW fc mode	Ambient	H2	80x80x2 2 mm (3 1/6"x3 1/6"x 5/6")	\$238 USD		Regenerative fuel cell  North American Distributor is Solar Hydrogen Systems: <a href="http://www.solarhydrogensystems.com">http://www.solarhydrogensystems.com</a> European Distributor is Fuel Cell Model: <a href="http://www.fuelcellmodel.com">http://www.fuelcellmodel.com</a>
h-tec	ECO MODEL ECO Air/O2 #1935	PEM	1		2 W	Ambient	H2	140x47 0x150 mm (5 1/2"x18 1/2"x6")	\$460.00 USD		Solar Hydrogen System H2/Air  Electrolyzer 2 W Fuel cell 300 mW Gas storage 40 cm³ H2 Solar module 2.0 V / 350 mA Fan 10  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	ECO MODEL Eco Air/O2 #1936	PEM	1		2 W	Ambient	H2	175x47 0x150 mm (6 5/6"x18 1/2"x6")	\$450.00 USD		Solar Hydrogen System H2/O2  Electrolyzer 2 W Fuel cell 600 mW Gas storage 40 cm³ H2; 40 cm³ O2 Solar module 2.0 V / 350 mA Fan 10 mW  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com

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h-tec	ECO MODEL PEMMFC #1947	PEM or DMFC	1		2 W (electrol yzer mode) 270 mW (fuel cell/air mode) 10 mW (direct methano I fuel cell mode)	Ambient	H2 or Methanol solution	80x80x6 5 mm (3 1/6"x3 1/6"x 2 1/2")	\$299.00 USD	Power: 2 W (electrolyzer mode) 270 mW (fuel cell/air mode) 10 mW (direct methanol fuel cell mode) Pumping rates: 35 cm³/min (hydrogen pumping rate) 4 cm³/min (oxygen pumping rate) Hydrogen production from methanol: 3 cm³/min (hydrogen) 1 cm³/min (carbon dioxide)  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	ECO MODEL PEMPower1- Multi #1940	PEM	1				H2	90x290x 200 mm (3 1/2"x11 1/2 "x7 5/6")	\$298.00 USD	Power: 2 W (electrolyzer mode) 270 mW (fuel cell/air mode) Gas storage 20 cm³ H2; 20 cm³ O2 20 mW (direct methanol fuel cell mode) Pumping rates: 35 cm³/min (hydrogen pumping rate) 4 cm³/min (oxygen pumping rate) Hydrogen production from methanol: 3 cm³/min (hydrogen) 1 cm³/min (carbon dioxide)  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	ECO MODEL Fuel Cell Eco Air/O2 #1951	PEM	1		300 mW		H2	(3 1/6"x3 1/6"x 1 5/6")	\$105.00 USD	North American Distributor is Solar Hydrogen Systems:  http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model:  http://www.fuelcellmodel.com
h-tec	Fuel Cell Eco H2/Air Plate #1952	PEM	1		300 mW		H2	90x120x 120 mm (3 1/2"x4 5/6"x4 5/6")	\$115.00 USD	North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	ECO MODEL Fuel Cell Eco H2/O2 #1953	PEM	1		600 mW		H2	80x80x4 8 mm (3 1/6"x3 1/6"x 1 5/6")	\$110.00 USD	North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	Fuel Cell Eco H2/O2 Plate #1954	PEM	1		600 mW		H2	90x120x 120 mm (3 1/2"x4 5/6"x4 5/6")	\$120.00 USD	
h-tec	ECO MODEL Electrolyzer Eco #1939	PEM	1				H2	200x18 0x120 mm (5 1/2"x7"x 4 5/6")	\$275.00 USD	Power: 2 W Gas storage 40 cm³ H2; 40 cm³ O2 Hydrogen production: 8.6 cm³/min Oxygen production: 4.3 cm³/min  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com

										European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	ECO MODEL PEMRFC Eco #1934	PEM	1			Н2	200x 180x12 0 mm (7 5/6"x 7"x4 5/6")	\$310.00 USD		Power: 2 W (electrolyzer mode) 600 mW (fuel cell mode) Gas storage 40 cm³ H2; 40 cm³ O2  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Junior Electrolyzer #2014	PEM	1			H2	200x12 0x90 mm (7 5/8"x4 5/6"x3 1/2")	\$115.00		Power: 1 W Gas storage 20 cm³ H2; 20 cm³ O2 Hydrogen production: 4.3 cm³/min Oxygen production: 2.2 cm³/min  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Junior Basic#2010	PEM	1			Н2	200x30 0x150m m (7 5/8"x11 7/8"x6")	\$199.00 USD	1	Electrolyzer 1 W Fuel cell 500 mW Gas storage 20 cm³ H2; 20 cm³ O2 Solar module 2.0 V / 350 mA Fan 10 mW  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Junior Set # 2011	PEM	1			Н2	140x45 0x380 mm (5 1/2"x17 5/6"x15" )	\$329.00		Solar hydrogen system  Electrolyzer 1 W Fuel cell 500 mW Gas storage 20 cm³ H2; 20 cm³ O2 Solar module 2.0 V / 350 mA Fan 10 mW Cable 50 cm  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Fuel Cell Junior H2/Air #2112	PEM	1		150 mW	H2	50x50x4 0 mm (2 "x2"x 1 1/2")	\$49.00 USD	76	North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Fuel Cell Junior H2/Air Plate #2012	PEM	1			H2	60x120x 90 mm (2 1/3"x4 5/6"x3 1/2")	\$49.00 USD		North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS	PEM	1			H2	50x50x4 0 mm (2	\$49.00 USD		North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com

	Fuel Cell Junior H2/O2 #2113						"x2"x 1 1/2")			European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Fuel Cell Junior H2/O2 Plate	PEM	1			H2	60x120x 90 mm (2 1/3"x4 5/6"x3 1/2")	\$64.00 USD		North American Distributor is Solar Hydrogen Systems:
h-tec	JUNIOR MODELS Methanol Junior Fuel Cell #2115	DMFC	1		10 mW	Methanol solution	50x50x4 0 mm (2 "x2"x 1 1/2")	\$64.00 USD	Co	North American Distributor is Solar Hydrogen Systems:  http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model:  http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Methanol Junior Plate #2015	DMFC	1		10 mW	Methanol Solution	60x120x 90 mm (2 1/3"x4 5/6"x3 1/2")	\$79.00 USD		North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	JUNIOR MODELS Fuel Cell Car Junior #2117	PEM	1		150 mW	Hydrogen	90x200x 64 mm (3 1/2"x7 5/8"x2 1/2")	\$89.00 USD		North American Distributor is Solar Hydrogen Systems: <a href="http://www.solarhydrogensystems.com">http://www.solarhydrogensystems.com</a> European Distributor is Fuel Cell Model: <a href="http://www.fuelcellmodel.com">http://www.fuelcellmodel.com</a>
h-tec	PREMIUM MODELS Master Fuel Cell #1911	PEM	1		1.2 mW	Hydrogen	105x20 0x130 mm (4"x7 5/6"x5 1/8")	\$380.00 USD	<b>*</b>	North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	PREMIUM MODELS Master DMFC #1926	MDFC	1		50 mW	Methanol solution	115x20 0x200 mm (4 5/6"x8"x 8")	\$499.00 USD		North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	PREMIUM MODELS Master RFC	PEM	1			Hydrogen	265x 210x33 0 mm (10 1/2"x 8 1/3"x13"	\$875.00 USD		4 W (electrolyzer mode) 1 W (fuel cell mode) Gas storage 80 cm³ H2; 80 cm³ O2  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	PREMIUM MODELS Exhibition #1908	PEM	1		10 W	Hydrogen	650x80 0x300m m (26"x32" x12")	\$2,100 USD		Hydrogen system for demonstration  North American Distributor is Solar Hydrogen Systems:     http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model:     http://www.fuelcellmodel.com

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h-tec	PREMIUM MODELS Solar Hydrogen Set #1909	PEM	1			Hydrogen	425x53 0x210 mm (17"x21" x8")	\$1,840.00 USD		Portable solar hydrogen system  North American Distributor is Solar Hydrogen Systems: <a href="http://www.solarhydrogensystems.com">http://www.solarhydrogensystems.com</a> European Distributor is Fuel Cell Model: <a href="http://www.fuelcellmodel.com">http://www.fuelcellmodel.com</a>
h-tec	PREMIUM MODELS PEMFC #1803	PEM	1		1.2 W	Hydrogen	80x80x4 3 mm (3 1/6"x3 1/6"x 1 5/6")	\$325.00 USD	*	North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	FUEL CELL CARS HyRunner #2050	PEM	1		500 mW	Hydrogen	75x90x2 00 mm (3"x3 1/2"x7 5/6")	\$195.00 USD		Model of a hydrogen fuel cell car  Power: 1 W (electrolyzer mode) 500 mW (fuel cell mode) Gas storage 15 cm³ H2; 15 cm³ O2  North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	FUEL CELL CARS HySpeedster #2051	PEM	1		1 W	Hydrogen	75x90x2 00 mm (3"x3 1/2"x7 5/6")	\$255.00 USD		Model of a hydrogen fuel cell car  Power: 2 W (electrolyzer mode) 1 W (fuel cell mode) Gas storage 15 cm³ H2; 15 cm³ O2  North American Distributor is Solar Hydrogen Systems: <a href="http://www.solarhydrogensystems.com">http://www.solarhydrogensystems.com</a> European Distributor is Fuel Cell Model: <a href="http://www.fuelcellmodel.com">http://www.fuelcellmodel.com</a>
h-tec	FUEL CELL CARS Fuel Cell Concept Car #2052	PEM	1		300 mW	Hydrogen	45x240x 100 mm (1 5/6"x9 1/2"x4")	\$450.00 USD		Model of a hydrogen fuel cell car  North American Distributor is Solar Hydrogen Systems: <a href="http://www.solarhydrogensystems.com">http://www.solarhydrogensystems.com</a> European Distributor is Fuel Cell Model: <a href="http://www.fuelcellmodel.com">http://www.fuelcellmodel.com</a>
h-tec	DESKTOP DT Rotating #2016	DMFC	1		10 mW	Methanol solution	100x10 0x100 mm (4"x4"x4 ")	\$125.00 USD		North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com
h-tec	DESKTOP DT Car #2017	DMFC	1		10 mW	Methanol Solution	90x200x 64 mm (3 1/2"x7 5/8"x2 1/2")	\$99.00 USD		North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com  European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com

h-tec	DESKTOP	DMFC	1		10 mW	Methanol Solution	140x10 0x40 mm (5	\$87.00 USD	North American Distributor is Solar Hydrogen Systems: http://www.solarhydrogensystems.com
	DT Fan #2018					Coldion	1/2"x4"x 1 1/2")		European Distributor is Fuel Cell Model: http://www.fuelcellmodel.com

Notice: For additional information or comments on Fuel Cells 2000's charts, contact Jennifer Gangi at: <a href="mailto:jennifer@fuelcells.org">jennifer@fuelcells.org</a>.