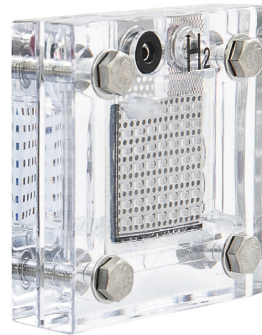
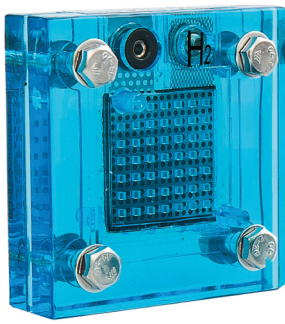


FCSU-023



Product Description

The Reversible PEM Fuel Cell combines the functions of an electrolyzer and a fuel cell into ONE device. When applying an electrical current the device acts as an electrolyzer that produces hydrogen and oxygen from de-ionized water. When applying a load, the device behaves as a fuel cell and generates electricity from hydrogen.

Features

- ✓ High performance reversible PEM fuel cell
- ✓ Electrolyzer mode converts water into hydrogen and oxygen
- ✓ Fuel Cell mode produces electricity using hydrogen and oxygen
- ✓ Fully compatible with the Horizon education range
- ✓ Available in blue and transparent colours

Content

- ✓ Set of 5 PEM Reversible Fuel Cells
- ✓ Tubing
- ✓ Pins
- ✓ Banana cables / connecting leads
- ✓ Syringe
- ✓ User Manual:

Specifications

	Dimensions	54x54x17 mm
	Total weight:	67.7 g
Electrolyzer	Input Voltage	1.8 V ~ 3V (DC)
	Input Current	0.7A
	Hydrogen production rate	7 ml/min
	Oxygen production rate	3.5 ml/min
Fuel Cell	Output Voltage	0.6V (DC)
	Output Current	360 mA
	Power:	210 mW

Packing Information

Case Pack Quantity	1
1 unit=(set of 5):	
Master Pack Quantity (units):	24
Packaging Type:	cardboard
20' Container (units):	6550
40' Container (units):	13355
Unit Box Length (cm/in):	21.2 / 8.35
Unit Box Width (cm/in):	15 / 5.91
Unit Box Height (cm/in):	9.7 / 3.82
Unit Volume (Litres/Cubic Meters):	3.1 / 0.003
Unit Box Weight (kg/lbs):	0.58 / 1.28
Case Pack Length (cm/in):	63 / 24.80
Case Pack Width (cm/in):	44 / 17.32
Case Pack Height (cm/in):	35 / 13.78
Case Pack Volume (Litres/Cubic Meters):	97.0 / 0.097
Case Pack Weight (kg/lbs):	14.1 / 31.09

*The cartons' size may vary between ±1-2 cm.



Logistics Information

Item UPC-Code:	N/A
Item HS-Code:	-
Manufactured in:	Shanghai, China
Local Warehouse	Prague, Czech Republic
FOB Harbor:	Los Angeles, USA
First Ship Date:	available now
Minimum Order:	24

*All the information in this datasheet is subject to change without notice. In case of doubt please contact the Horizon sales team.