

**FCSU-012**



## Product Description

PEM fuel cells for education purposes, created by a leading industrial fuel cell manufacturer. Generate hydrogen using whichever Horizon kit you like and, once it's applied to the fuel cell, stand back and watch as electricity is generated using nothing more than oxygen taken directly from the ambient air!

## Features

- ✓ High performance PEM fuel cell
- ✓ Converts hydrogen and oxygen into electricity and water
- ✓ Fully compatible with the Horizon education range

## Content

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

## Specifications

<b>Dimensions</b>	32x32x32 mm
<b>Total weight</b>	27.3 g
<b>Output voltage</b>	0.6V (DC)
<b>Output current</b>	0.45 A
<b>Power:</b>	270 mW
<b>Color</b>	Blue

## Packing Information

<b>Case Pack Quantity</b> (1 unit = set of 5):	1
<b>Master Pack Quantity</b> (units):	24
<b>Packaging Type:</b>	cardboard
<b>20' Container</b> (units):	6550
<b>40' Container</b> (units):	13355
<b>Unit Box Length</b> (cm/in):	21.2 / 8.35
<b>Unit Box Width</b> (cm/in):	15 / 5.91
<b>Unit Box Height</b> (cm/in):	9.7 / 3.82
<b>Unit Volume</b> (Litres/Cubic Meters):	3.1 / 0.003
<b>Unit Box Weight</b> (kg/lbs):	0.34 / 0.75
<b>Case Pack Length</b> (cm/in):	63 / 24.80
<b>Case Pack Width</b> (cm/in):	44 / 17.32
<b>Case Pack Height</b> (cm/in):	35 / 13.78
<b>Case Pack Volume</b> Litres/Cubic Meters):	97.0 / 0.097
<b>Case Pack Weight</b> (kg/lbs):	9.8 / 21.61

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



## Logistics Information

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

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