# **PEM Electrolyzer**



#### FCSU-010



## **Product Description**

Produce hydrogen and oxygen using only pure water and an external power source. Take your pick of power sources, all available from Horizon: small solar panels, wind turbines, mechanical hand cranks or batteries.

#### **Features**

- ✓ Converts water into hydrogen and oxygen
- ✓ Fully compatible with the Horizon education range

#### Content

- ✓ Set of 5 PEM Electrolyzers
- ✓ Tubing
- ✓ Pins
- ✓ Banana cables / connecting leads
- ✓ Syringe
- 🗸 User Manual : 🛛 😹

### **Specifications**

Dimensions	54x54x17 mm
Total weight:	69.7 g
Input voltage	1.8 V ~ 3V (DC)
Input current	1A
Hydrogen production rate	7 ml/min (1A)
Oxygen production rate	3.5 ml/min (1A)

# **Packing Information**

Case Pack Quantity (1 unit = set of 5):	1		
Master Pack Quantity (units):	24		
Packaging Type:	cardboard		
<b>20´Container</b> (units):	6550		
<b>40´Container</b> (units):	13355		
<b>Unit Box Length</b> (cm/in) :	21	/	8.3
<b>Unit Box Width</b> (cm/in):	15	/	5.9
<b>Unit Box Height</b> (cm/in):	10	/	3.9
<b>Unit Volume</b> (Litres/Cubic Meters):	3.2	1	0.003
<b>Unit Box Weight</b> (kg/lbs):	0.61	/	1.3
<b>Case Pack Length</b> (cm/in):	63	1	24.80
<b>Case Pack Width</b> ( cm/in):	45	/	17.5
<b>Case Pack Height</b> (cm/in):	35	1	13.8
<b>Case Pack Volume</b> Litres/Cubic Meters):	99.2	1	0.097
Case Pack Weight (kg/lbs):	14.1	1	31.1

\*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:	availablenow
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.