

## 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

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

## 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):	0.57 / 1.26
<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):	14.7 / 32.41

\*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.