

FCJJ-24



## Product Description

Voltage, current, power, joules, resistance and even RPM speed available at the touch of a button—displayed either on the LCD screen of the monitor itself or as graphical data on your PC. The Horizon Energy Monitor helps bring lab and field experiments back into the classroom, making it the ideal tool to complement the Wind to Hydrogen Science Kit (FCJJ-56), the Renewable Energy Science Kit (FCJJ-37) and the Wind Energy Science Kit (FCJJ-39).

## Features

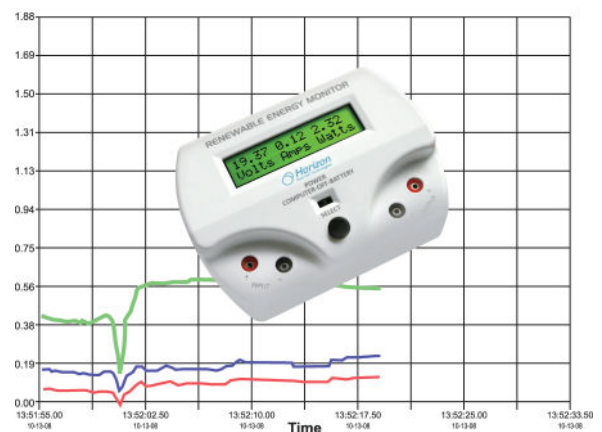


- ✓ Compatible with any of Horizon's science education kits
- ✓ Compatible with Windows OS, and Mac using Windows Parallel or Boot Camp
- ✓ Use indoor or outdoor, with or without a computer!
- ✓ Export all data to Excel or CSV format
- ✓ Record a video of your experiments for playback and review

## Language Pack

- ✓ CD Experiment Manual:
- ✓ Assembly Guide:
- ✓ Technical Support Guide:

## Specifications



**Voltage:** 0 - 28 VDC

**Current:** 0 - 1 Amp DC

**Power:** 0 - 28 Watts

**Resistance:** 0 - 999 Ohms

**Energy:** 0 - 65535 Joules

**RPM:** 200 - 2500



## Kit Content

- ✓ Horizon Energy Monitor (data logging hardware) with LCD readout screen
- ✓ LCD screen shows: voltage (V, mV), current (A, mA), power (W, mW).
- ✓ RPM speed, resistance (Ohm), energy (joules)
- ✓ 1 meter USB cable
- ✓ CD-ROM with Horizon Data Acquisition software
- ✓ CD-ROM with complete Renewable Energy Curriculum
- ✓ Flexible 2mm banana connecting leads for connecting to Horizon devices

## Certification

ROHS, EN71:PART1;PART2;PART3, EN62115, PHTH-EU, ASTM F963, CPSIA-LEAD, CPSIA-PHTHALATES, REACH, CA.

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

## Packing Information

<b>Case Pack Quantity</b> (units):	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):	14.7 / 5.79
<b>Unit Box Width</b> (cm/in):	21 / 8.27
<b>Unit Box Height</b> (cm/in):	10 / 3.94
<b>Unit Volume</b> (Litres/Cubic Meters):	3.1 / 0.003
<b>Unit Box Weight</b> (kg/lbs):	0.43 / 0.95
<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):	11.9 / 26.23

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

## Logistics Information

<b>Item UPC-Code:</b>	6942503410068
<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