

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

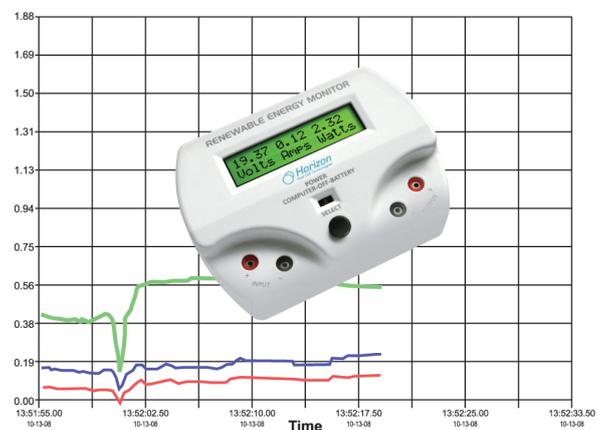


- ✓ Compatible with any of Horizon's science education kits
- ✓ Compatible with Windows OS, and Mac using Windows Parallel or Boot Camp
- ✓ Use indoor or outdoor, with or without a computer!
- ✓ Export all data to Excel or CSV format
- ✓ Record a video of your experiments for playback and review

Language Pack

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

Specifications



Voltage: 0 - 28 VDC

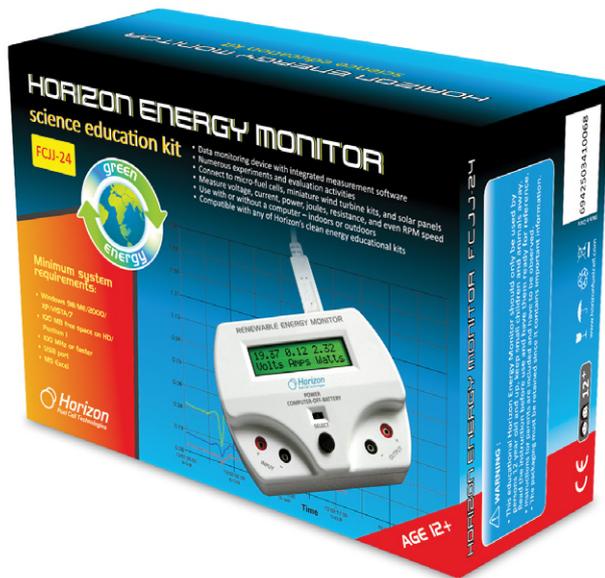
Current: 0 - 1 Amp DC

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

Case Pack Quantity (units):	1
Master Pack Quantity (units):	24
Packaging Type:	cardboard
20' Container (units):	6550
40' Container (units):	13355
Unit Box Length (cm/in):	21 / 8.3
Unit Box Width (cm/in):	15 / 5.9
Unit Box Height (cm/in):	10 / 3.9
Unit Volume (Litres/Cubic Meters):	3.2 / 0.003
Unit Box Weight (kg/lbs):	0.45 / 1.0
Case Pack Length (cm/in):	63 / 24.8
Case Pack Width (cm/in):	45 / 17.5
Case Pack Height (cm/in):	35 / 13.8
Case Pack Volume Litres/Cubic Meters):	99.2 / 0.099
Case Pack Weight (kg/lbs):	11.9 / 26.23

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

Logistics Information

Item UPC-Code:	6942503410068
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