

FCJJ-23



PRODUCT DESCRIPTION

Experience the automotive technology of the future by building and driving your own hydrogen fuel cell car. The latest generation of the H-racer, H-Racer 2.0, allows you to watch the process of electrolysis and the conversion of hydrogen into electrical energy— both the car and the hydrogen refueling station have transparent casing and LED lighting to showcase the science. This design has garnered numerous awards, including: Time Magazine's "Best Inventions", Business Week IDEA, Metropolitan Home "Design 100", ID magazine annual review, and Business 2.0 Bottom Line Design Awards.

FEATURES



- ✓ Accurately reflects how hydrogen cars and refueling stations work
- ✓ Includes solar panel able to power the production of hydrogen
- ✓ Infrared control helps guide the car once its tank is filled with fuel
- ✓ Comes with a full manual on CD, experiment guide

LANGUAGE PACK

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

EXPERIMENTS & ACTIVITIES



1. Building a hydrogen powered car
2. Generating hydrogen with a solar panel
3. Moving the car forward and backward using an infrared control
4. Understanding fuel cell technology



KIT CONTENT

- ✓ Hydrogen station
- ✓ Car chassis
- ✓ Car body
- ✓ PEM fuel cell
- ✓ 0.75 Watt solar panel
- ✓ Infrared remote control
- ✓ Quick connector
- ✓ Purging valve
- ✓ Refueling input valve
- ✓ Syringe
- ✓ Front & rear bumpers
- ✓ 3 flexible plastic tubes
- ✓ 8 screws
- ✓ Connector cable for solar + hydrogen station
- ✓ Decorative H₂ sticker
- ✓ Remote control batteries
- ✓ Assembly instructions
- ✓ CD-ROM with renewable energy curriculum

CERTIFICATION

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

PACKING INFORMATION

Case Pack Quantity (units):	1
Master Pack Quantity (units):	12
Packaging Type:	cardboard
20' Container (units):	3275
40' Container (units):	6680
Unit Box Length (cm/in):	9.8 / 3.86
Unit Box Width (cm/in):	30 / 11.81
Unit Box Height (cm/in):	20.7 / 8.15
Unit Volume (Litres/Cubic Meters):	6.1 / 0.006
Unit Box Weight (kg/lbs):	0.57 / 1.25
Case Pack Length (cm/in):	63 / 24.80
Case Pack Width (cm/in):	44 / 17.32
Case Pack Height (cm/in):	35 / 13.78
Case Pack Volume Litres/Cubic Meters):	97.0 / 0.097
Case Pack Weight (kg/lbs):	10.8 / 23.81

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

LOGISTICS INFORMATION

Item UPC-Code:	6942503410044
Item HS-Code:	-
Manufactured in:	Shanghai, China
Local Warehouse	Prague, Czech Republic
FOB Harbor:	Los Angeles, USA
First Ship Date:	available now
Minimum Order:	1