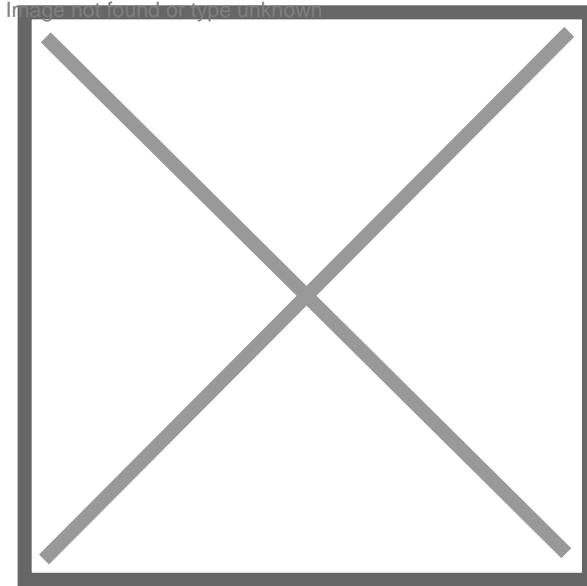


Product Name :

Solar EMobility Large

Product Code :

SLE/PHY/208



Description :

This product teaches students the physical and technical foundations and applications of different battery technologies.

The highly-topical issue of electric mobility is explored with an electric model car.

Dimensioning and application of different battery types are just as much a topic as life expectancy or charging methods.

The characteristics of various battery types are analyzed with qualitative and quantitative experiments.

Considering the storage problems with renewable energies, these topical issues should find their way into the curriculum.

The product is expandable with a Lithium-Polymer and a lead battery module.

Technical Specifications :

List of components:

- 1 x Potentiometer module 110 Ohm Pro
- 1 x Battery module NiMH 3xAAA Pro
- 1 x Capacitor module Pro
- 1 x Box
- 1 x Distilled water (100 ml)
- 1 x Resistor plug element 100 Ohm
- 1 x NiZn-battery AAA
- 1 x Reversible Fuel cell
- 1 x Info sheet initial startup
- 1 x Solar-Base unit EMobility
- 1 x Resistor module (triple) Pro
- 1 x Resistor plug element 1 Ohm
- 2 x Resistor plug element 10 Ohm
- 1 x Battery module holder 1xAAA Pro
- 1 x Electric model car
- 1 x LiFePo-battery AAA
- 1 x Lid for tray
- 1 x Insert 4E Energiespeicherbox
- 1 x Einräumplan EMobility Large
- 1 x NiMH battery AAA

Extras needed:

- 1 x AV-Module
- 1 x Test lead red 50 cm
- 1 x Test lead black 25 cm
- 1 x Test lead red 25 cm
- 1 x Test lead black 50 cm
- 1 x Charger Module
- 1 x Digital multimeter

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