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Product Name :

Solar New Energy Kit

Product Code :

SLE/PHY/215



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Description :

Solar New Energy Kit (Product Code: SLE/PHY/215) is a multi-topic renewable-energy experiment kit used to teach photovoltaics, wind power, hydropower, electric mobility and fuel cells to junior high school students. It mixes qualitative and quantitative experiments and already contains its power module, AV measuring module and cables, along with three solar modules, a wind machine and a reversible fuel cell. This environmental science kit for schools is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Kit type	Renewable-energy experiment kit for junior high school, packed in a box
Topics	Photovoltaics, wind power, hydropower, electric mobility and fuel cells
Solar modules	0.5 V, 840 mA; 1.5 V, 280 mA; 2.5 V, 420 mA; plus solar cell cover set (4 pieces) and lighting module
Wind energy parts	Wind machine, wind turbine module, Solar-Wind rotor set, wind rotor set (assembled), padding universal wind
Hydropower parts	Water wheel module; silicone tube 12 mm
Storage and fuel cell	Capacitor module 5.0 F / 5.4 V; reversible fuel cell; distilled water (100 ml)
Electric mobility	Electric model car
Loads	Buzzer module, light bulb module, LED module 2 mA (red), motor module without gear with color discs set 1
Power and measurement	Power module, AV module, potentiometer module; Smart Control measuring and control components
Base and cables	Solar-Base unit Large; test leads black and red in 25 cm and 50 cm
Packing	Box with NewEnergy Kit insert and 2 lids for tray
Documentation	Layout diagram New Energy Kit; info sheet for initial startup; instruction for use of finger protector
Product code	SLE/PHY/215
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Solar New Energy Kit Used For?

The Solar New Energy Kit is used to cover the main renewable-energy topics of a junior high syllabus with one set of modules. Groups can start with qualitative observations, such as a solar modu ve work

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