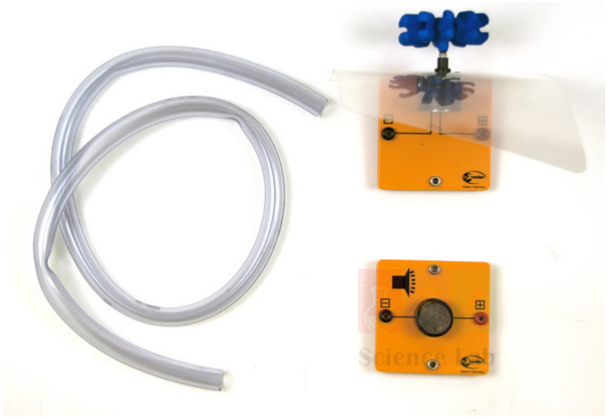
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Product Name :

Solar Hydropower Basic

Product Code :

SLE/PHY/211



Email : sales@scilabexport.com
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Description :

Solar Hydropower Basic (Product Code: SLE/PHY/211) is a beginner add-on set used to teach how a small hydropower plant turns moving water into electricity, both in the classroom and outdoors. Built around a water wheel module with a Pelton turbine and an attached hose, it is a hands-on science kit for primary school and junior high classes that already use the Basic series base kits. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Kit type	Hydropower add-on set for the Basic series, beginner level
Turbine	Water wheel module with Pelton turbine
Water connection	Attached hose; silicone tube 12 mm
Output indicator	Buzzer module
Experiment style	Qualitative and quantitative experiments, indoors or outdoors
Required base kit (not included)	Solar Minikit Basic for primary school, or Solar Kit Basic for junior high school; each contains all necessary accessories
Packing	Carton with Hydropower Basic insert
Documentation	Layout diagram Hydropower Basic; info sheet for initial startup
Product code	SLE/PHY/211
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

Components supplied in the set:

- 1 x Water wheel module
- 1 x Buzzer module
- 1 x Silicone tube 12 mm
- 1 x Insert Hydropower Basic
- 1 x Carton
- 1 x Layout diagram Hydropower Basic
- 1 x Info sheet for initial startup

What Is the Solar Hydropower Basic Used For?

The Solar Hydropower Basic is used to introduce hydroelectric power through short, playful experiments. Water is led through the hose onto the Pelton turbine of the water wheel module, the turbine turns, and the electricity it produces sounds the buzzer module, so students can see and hear the energy conversion. From there, classes explore the basic characteristics of a hydropower plant, first qualitatively and then with measurements.

Younger pupils work with the Solar Minikit Basic, while junior high students connect the set to the Solar Kit Basic for quantitative readings. Because the experiments can also be carried out outdo ep the b

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