Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Mounted Solar Cell

Product Code :

SLE/PHY/256



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Description :

Mounted Solar Cell (Product Code: SLE/PHY/256) is a selenium photovoltaic cell on a base, used to produce electrical energy directly from light energy in school physics demonstrations. Teachers pair it with the Mounted Motor for Solar Cell, and it shares the 165 x 100mm base and 4mm socket terminals used across the Energy Transfer Kit units. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for schools putting together a physics experiment kit on energy.

Specifications

Parameter	Detail
Cell type	Selenium photovoltaic cell
Function	Produces electrical energy directly from light energy
Intended use	With the motor unit, to demonstrate light-to-electrical energy conversion
Base size	165 x 100mm
Terminals	4mm socket terminals, where appropriate
System	Separately available unit of the Energy Transfer Kit
Product code	SLE/PHY/256
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Mounted Solar Cell Used For?

The Mounted Solar Cell is the input stage of an energy-transfer demonstration. When light falls on the selenium cell it produces a small voltage and current, which can drive the matching motor unit or be read on a meter. It shows students that electrical energy can be produced without a battery, a generator or the mains.

Simple investigations work well with it: compare the output in daylight, under a desk lamp and with the cell partly covered, change the distance to the lamp, or tilt the cell away from the light. Adding a multimeter or galvanometer to the output turns a qualitative demonstration into a measurement exercise. Keep the cell face clean and free from scratches, and store it in a dry cupboard between lessons.

What to Specify When Ordering

- Whether you also need the Mounted Motor for Solar Cell as the load
- Any other Energy Transfer Kit units your lessons require
- The number of cells per lab or student group
- A meter for output readings, if your lab does not have one

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab from Ambala in Haryana, suppl , so a sch ers in India