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Product Name :

Solar Photovoltaic Ready-To-Go

Product Code :

SLE/PHY/221



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Description :

Solar Photovoltaic Ready-To-Go (Product Code: SLE/PHY/221) is a fully equipped photovoltaic experiment system in an aluminium carry case, used to demonstrate solar energy from simplefirst trials up to I-V characteristics and the temperature dependence of solar cells. Since themeasuring equipment and all ancillary parts are included, it works wherever you are withoutfurther components, in teaching labs, company workshops and sales demonstrations alike. Thisphysics demonstration kit is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**,Ambala, India.

Key Details

Parameter	Detail
System type	Fully equipped photovoltaic experiment system from the Ready-to-go series
Further components needed	None; all necessary ancillary equipment, including measuring equipment, is included
Experiment range	From simple trials on the basic characteristics of solar energy to more challenging experiments on I-V characteristics and temperature dependency of solar cells
Suitable for	Photovoltaics teaching, internal workshops in companies, and use as a demonstration kit for sales representatives
Case	Aluminium carry case with heavy-duty foam inserts
Product code	SLE/PHY/221
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Solar Photovoltaic Ready-To-Go Used For?

The Solar Photovoltaic Ready-To-Go is used when photovoltaics has to be taught or demonstrated away from a fixed lab bench. A lesson can open with simple trials that show how a solar cell responds to light, then progress to recording I-V characteristics and examining how cell temperature changes the output, all with the measuring equipment packed in the same case.

Its wide range of experiments makes it equally useful for in-house training at companies and for sales representatives who need to show customers how solar cells behave. For reliable results, give the cells time to settle under steady light before taking readings, and return each part to its foam cut-out so the case travels safely to the next session.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, an Ambala, Haryana supplier of teaching and laboratory equipment. The company sources the Solar Photovoltaic Ready-To-Go for schools, colleges, training departments and dealers who need a portable PV system rather than a bench-bound trainer.

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