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Product Name :
Photovoltaic Trainer

Product Code :
LBNY-0005-18400038



Description :

Photovoltaic Trainer system may be expanded by the addition of extra optional solar panels and batteries. Instrumentation includes high accuracy solarimeter, panel temperature, electrical charging and load power measurement.

A complete 80W solar panel system with instrumentation panel containing a battery charge controller, panel loading system, all relevant instrumentation and an external deep cycle 110Amp hour battery.

Technical Specification :

Experimental Capabilities:

Measurement of solar panel output characteristics under load and the effect of panel temperature.

Investigation of the effect of panel inclination and angle of latitude.

Examination of battery charge management system.

Investigation of electrical conversion efficiency relative to solar radiation.

Measurement of overall system performance under load.



Laboratory Instrument India

