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Product Name :
Photovoltaic Panels Study Unit

Product Code :
LBNY-0005-11200033



Description :

The photovoltaic panels study unit is composed of basic panel mounted on a stand which allows any type of orientation, a movable electric equipment complete of voltmeter and ammeter, and a light source.

Characteristics:

The artificial radiation is possible because there is a light source constituted by lamp with brightness continuous change gear (0-300 W) mounted on an adjustable tripod. The electric instruments allow the photovoltaic panel performances control in the different conditions of solar and artificial radiation. The panel is constituted by 36 single-crystalline silicon cells, connected in series, and It presents the following characteristics with an ambience temperature of +25C:

Peak power voltage: 17 V

Amps max: 600 mA

Peak Watts: 10 W

Open-circuit voltage: 22 V

Required Services:

Electrical supply 220 V

Weights and dimensions:

Dimensions: 660x450x200 h mm.

Unit weight: 16 kg.

Technical Specification :

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Laboratory Instrument India