

NCE-01 SOLAR PHOTOVOLTAIC CELL PANEL



RANGE OF EXPERIMENTS TO BE CARRIED OUT:

1. To Study the Photovoltaic Cell Panel

TECHNICAL DESCRIPTION :

Photovoltaics (PV) covers the conversion of light into electricity using semiconducting materials that exhibit the photovoltaic effect . A typical photovoltaic system employs solar panels, each comprising a number of solar cells, which generate electrical power. The first step is the photoelectric effect followed by an electrochemical process where crystallized atoms, ionized in a series, generate an electric current.^[1] PV Installations may be ground-mounted, rooftop mounted or wall mounted.

DIMENSIONS AND WEIGHT :

Size :0.4 m.(L)x 0.4 m(W) X 0.7m (H)

Weight :Approx. 15 Kg

SERVICE REQUIRED :

SCOPE OF DELIVERY:

1. Experimental Setup
2. Instructional Manual

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