

Converting Light into Electricity



Solar Cell Connected to Meter

- 1 What happens when the solar cell is connected to the meter? Why?

Changing Position of Solar Cell

How much current does the cell produce when . . .

- 2 Flat on desk: _____

- 3 Held at 45° angle: _____

- 4 Turned upside-down: _____

Solar Cell Partly Covered with Black Paper

How much current does the cell produce when . . .

- 5 Only 1 cm of cell receives light: _____

- 6 2 cm of cell receives light: _____

- 7 3 cm of cell receives light: _____

- 8 4 cm of cell receives light: _____