

**Solar Professor<sup>sm</sup>**

The logo consists of the text "Solar Professor" in a bold, sans-serif font. The word "Solar" is orange, and "Professor" is black. A small "sm" trademark symbol is positioned to the upper right of the final letter of "Professor". A black diagonal line extends from the bottom right towards the center of the letter 'o' in "Professor", ending at a small orange circle that represents the sun.



# Introduction

- Background
- Goals
- Lesson Topics
- Objectives
- Photovoltaics (PV)



# Photovoltaics

## **How the word was derived:**

The term “photo” comes from the Greek “phos,” which means “light.” “Volt” is derived from Alessandro Volta (1745-1827), a pioneer in the field of electricity.



# Photovoltaics

**Photovoltaics** (PV) is the name of a method of converting solar energy into direct current electricity using semiconducting materials that exhibit the **photovoltaic** effect, a phenomenon commonly studied in physics, photochemistry and electrochemistry. A **photovoltaic** system employs solar panels composed of a number of solar cells to supply usable solar power.

- Wikipedia