

# Solar Fountain

- PV cells are normally fabricated using special semiconductor materials that allow electrons, which are energized when the material is exposed to sunlight, to be freed from their atoms to carry an electric current.
- The current flows in one direction (like a battery), and thus the electricity generated is termed direct current (DC).
- The energy generated by PV modules can be used immediately or stored in batteries for later use.
- The 60 Watt photovoltaic panel generates electricity to run a small pump at the base of the fountain.



**Be careful not to shade the panel or the electricity circuit will be cut and the water will no longer flow!**