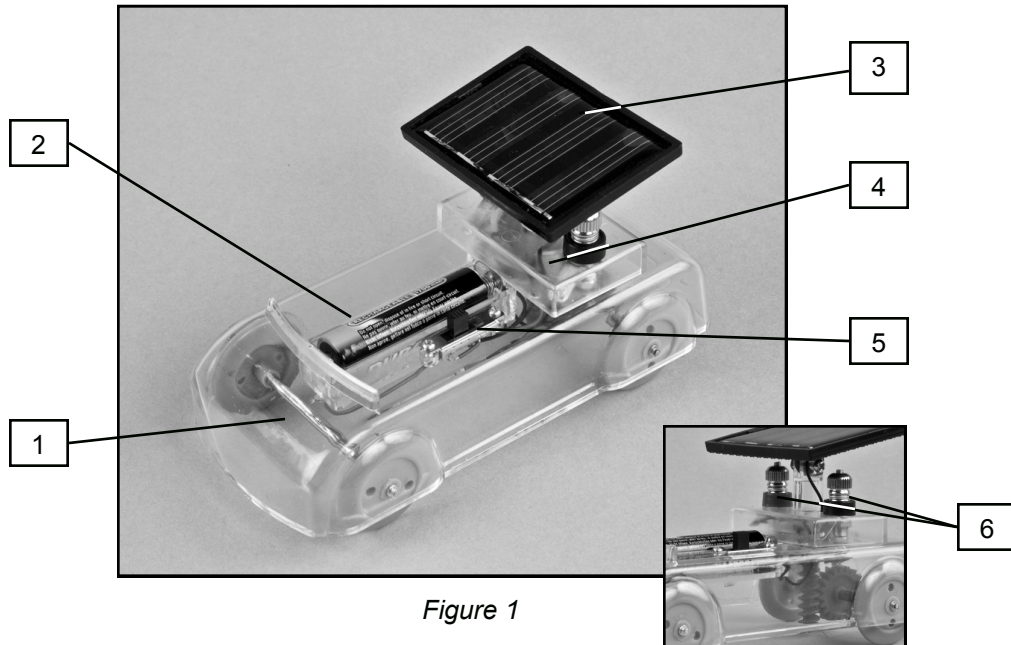




**SOLAR POWERED CAR**  
**SLRCR1**



*Figure 1*

**1. Description**

The Solar Powered Car is an instructive and fun device that shows the application of photovoltaic panels to produce and use electrical energy. You can use the sun or a desk lamp to make the car run or to charge a battery. You can also measure the voltage produced by the photovoltaic panel and run the car on the electrical energy stored in the battery.

**2. Components**

Refer to *Figure 1*

- |                                  |                                      |
|----------------------------------|--------------------------------------|
| 1. Transparent car body          | 4. Motor and drive gears             |
| 2. Rechargeable AA battery       | 5. Control switch (four positions)   |
| 3. Photovoltaic panel—adjustable | 6. Terminals for voltage measurement |

**3. Safety**

- Do not use a non-rechargeable battery in the Solar Powered Car—it could overheat.
- Only charge the rechargeable battery in the Solar Powered Car. Do not attach it to any charging unit not specifically designed for it—it may overheat and cause a fire.
- If you need to dispose of the rechargeable battery, recycle it according to local regulations. Do not burn it or throw it in the trash.
- The Solar Powered Car does not produce or use any dangerous electrical voltages or currents.