



Safety Near Solar Equipment

When installing solar panels on or near your home, it's important to take precautions to protect against potential fire hazards. Minimize potential fire risks in your solar installation with these safety tips from [safety.com](https://www.safety.com):

- **Purchase quality components.** Nearly every documented case of fire caused by defective solar panels has occurred in cheap, off-brand equipment.
- **Hire an experienced installer.** A competent installer will make sure all electrical connections are properly installed and insulated to minimize fire risk.
- **Route cables properly.** Appropriate sized electrical cables should be mounted in closed metal conduits. No loose cables should be present. Cables should be routed outside the building or enclosed in a fireproof duct.
- **Protect inverters.** Your inverter should be easily accessible, protected from the weather, and kept away from combustible materials. Be sure to leave enough space around it for proper ventilation.
- **Inspect regularly.** Once or twice a year, a qualified solar inspector should examine the system for faulty connections, rodent damage or other fire hazards.

Source: [safety.com](https://www.safety.com)