

Sunbug Solar

Solar Photovoltaic Warranty Coverage for Residential Installations

There are several warranties that pertain to Sunbug Solar's installation of your residential solar photovoltaic (PV) system, including Sunbug's 10-year installation workmanship warranty as well as various product and performance warranties provided by individual equipment manufacturers.

Sunbug Solar's Installation Workmanship Warranty

Sunbug provides a 10-year installation workmanship warranty for your residential solar PV installation. That warranty covers problems directly related to inadequate Sunbug workmanship at the time of your solar PV system installation. Sunbug's installation workmanship warranty does not cover:

- Defective materials, equipment, and accessories. Those are warranted by each individual manufacturer and typically do not include coverage for onsite replacement labor expenses.
- The labor expense to investigate, reconfigure, and/or replace faulty or defective materials, equipment, or accessories.
- Expenses to investigate and resolve solar PV system or equipment performance issues that are not due to installation workmanship.
- Damage due to weather, critters, or other external factors unrelated to installation workmanship.

Solar PV Manufacturers' Product Warranties

In addition to Sunbug's installation workmanship warranty, product warranties are provided by each manufacturer whose equipment and components are incorporated into your solar PV system. Those manufacturer product warranties are generally limited to supplying replacements for materials, equipment, and accessories that experience faults or failures, but they typically do not provide coverage for the labor expended to troubleshoot and/or replace their products. Some inverter manufacturers offer the option to extend the duration of their product warranty coverage for a modest one-time fee.

Solar PV Manufacturers' Module Performance Warranties

Solar PV module manufacturers provide 25-year module performance warranties in addition to their product warranties. The performance of all solar PV modules degrades over time (typically at a nonlinear rate of 0.25% to 0.75% per year). Solar PV module performance warranties therefore stipulate the minimum percentage of rated module power output that your solar PV modules will produce after being in service for various durations of time (*e.g.*, 98% after one year, 85% after twenty-five years, *etc.*). As with the solar PV module manufacturers' product warranties, performance warranties typically neither provide coverage for the labor expended to test and prove a module's degraded performance nor for the labor to replace a module that is deemed to be underperforming.

Sunbug Solar's Enhanced Product Warranty

Sunbug's enhanced product warranty coverage represents a supplement to solar PV equipment manufacturers' limited product and module performance warranties. During the first year of your solar PV system's operation, Sunbug will waive all service costs and labor expenses incurred to investigate, repair, and/or replace any underperforming or faulty products incorporated into your solar PV system. Sunbug's first-year enhanced product warranty coverage period may be extended to ten full years of coverage for a one-time additional fee paid at the time your solar PV system is contracted or at any time during its first year of operation.