

Solar Photovoltaic Installers

47-2231.00



Description: Assemble, install, or maintain solar photovoltaic (PV) systems on roofs or other structures in compliance with site assessment and schematics.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Installer, Photovoltaic Installer (PV Installer)

Job Zone

Title: 2 - Some Preparation Needed

Education: Usually require a high school diploma.

Experience: Some previous work-related skill, knowledge, or experience is needed.

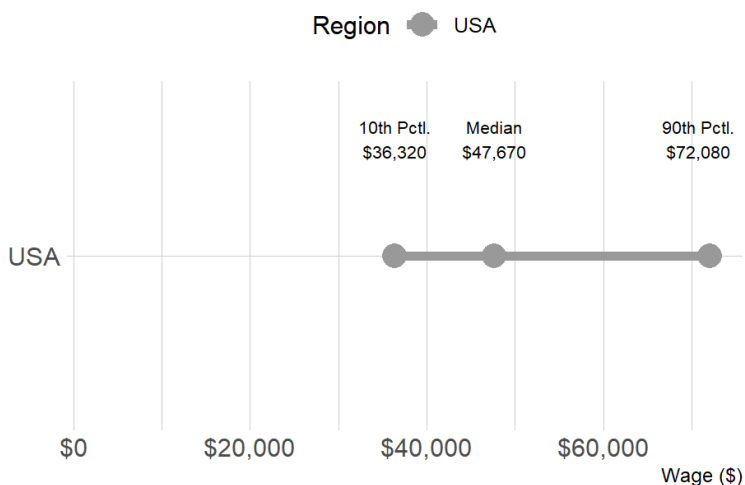
Training: A few months to one year of working with experienced employees needed. A recognized apprenticeship program may be associated with these occupations.

Core Certifications: Certified Electrical Safety Technician, Photovoltaic Associate, Photovoltaic Installer - Level 1, Solar PV Certification

Hot Technologies: Computer aided design CAD software, Extensible markup language XML, Microsoft Office Suite, Salesforce software

Region	Employment	Location Quotient	Median Wage
--------	------------	-------------------	-------------

USA	16,420	–	\$47,670
-----	--------	---	----------



Top 5 Core Tasks According to Current Job Holders

Importance
Frequency (out of 100)

Install photovoltaic (PV) systems in accordance with codes and standards, using drawings, schematics, and instructions.

Daily

89

Assemble solar modules, panels, or support structures, as specified.

Daily

88

Apply weather sealing to array, building, or support mechanisms.

Daily

87

Determine appropriate sizes, ratings, and locations for all system overcurrent devices, disconnect devices, grounding equipment, and surge suppression equipment.

Daily

87

Identify electrical, environmental, and safety hazards associated with photovoltaic (PV) installations.

Daily

86