

What is Photovoltaic?



It can't be sunny all the time.

Photovoltaic, or PV for short, is a solar power technology that converts sunlight into electricity. Schüco's Photovoltaic system features solar cells that generate an electrical current when they are exposed to the sun's rays.

Installing a Schüco PV system is an easy and safe way to help the environment, to add value to your home and to save money on electrical bills.

How Do Photovoltaic Systems Work?

Photovoltaic systems convert solar energy into electricity. The sunlight charges the silicone-based particles in the panel, and the electricity that is generated is fed into an inverter unit. The inverter formats the direct current electricity into alternating current for home use.

The power you generate can either be used for your home, or flow back out into the national grid. So with photovoltaics, you become your own energy producer!



Schüco Photovoltaic Systems

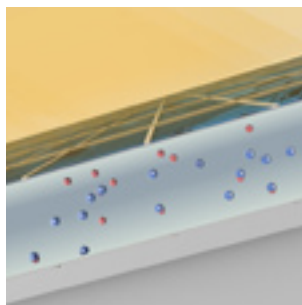
Schüco is a global leader in PV technology. All of our PV systems include:

- Sleek Schüco mounting systems that minimize roof perforations and that optimize performance
- Fast installation with a trained installer
- Maintenance free convenience
- Guaranteed performance for up to 25 years – see warranty for full details

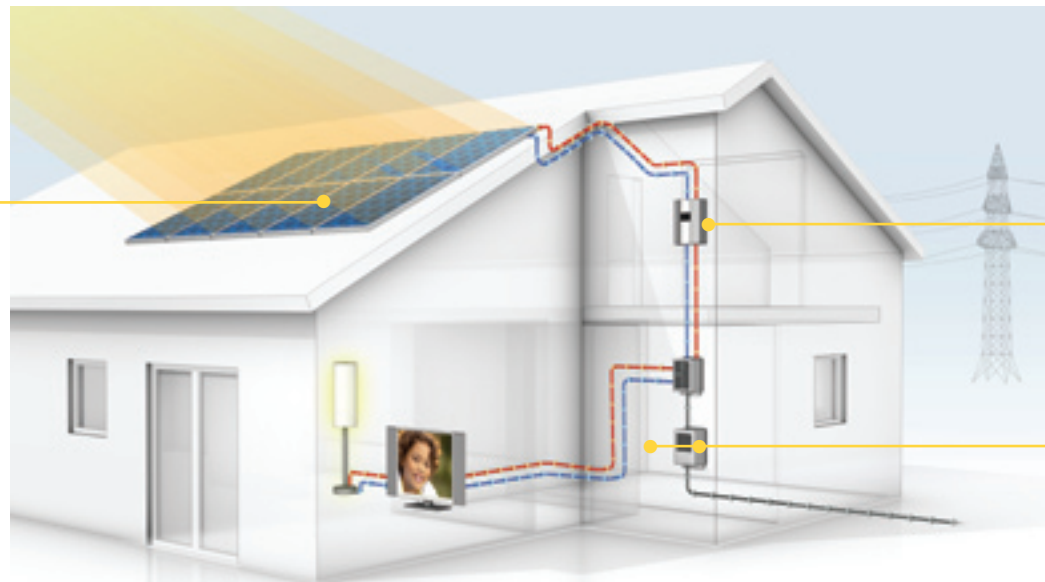
The sun shines on everybody.



The Schüco Photovoltaic System



Schüco Photovoltaic Module Generates electrical current from sunlight.



Schüco Sunnyboy Inverter converts DC.



Electric Smart Meter Measures incoming and out-going electricity. It spins backwards when the PV system feeds power into the grid.



Our roof
makes power
all day long



Schüco Photovoltaic Systems

Electricity From the Sun

Your Partner for Windows and Solar Products

Schüco supplies a range of top-quality, innovative products that enhance the beauty, comfort, security and energy sustainability of homes:

Vinyl windows

Patio and French doors

Storm-resistant windows and doors

Solar Photovoltaic systems

Solar Thermal systems

Schüco's Photovoltaic systems convert sunlight into electricity. For an all-inclusive solution, combine our Photovoltaic systems with our Solar Thermal systems that turn sunlight into hot water.

For further information visit www.schuco-usa.com or contact your local Schüco dealer (ISO certified) for pricing information and to request a detailed product brochure.

Schüco USA L.P.
www.schuco-usa.com

