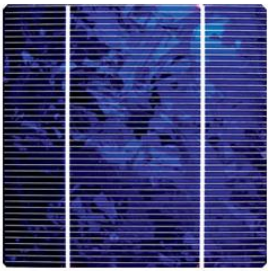


Silicon Solar Cell

60 years old!



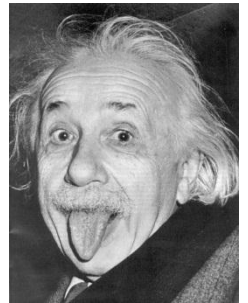
The sun gives off approximately 1,000 Watts per square metre



Solar energy is the primary source of energy for all life forms

Solar cells that are used to produce electricity are also called photovoltaic cells

The inventors of the Bell Solar Battery (made of silicon) are Gerald Pearson, Daryl Chapin and Calvin Fuller, and it was invented in 1952

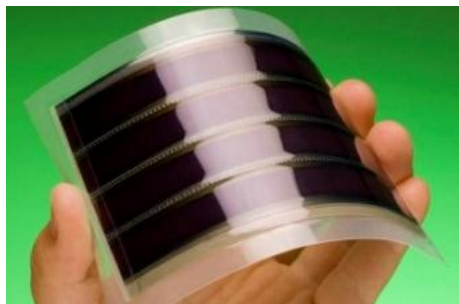


The largest solar power plant in the world is found in the Mojave Desert, USA

Solar Cell Panels convert about 15% of the sunlight hitting them into electricity

Albert Einstein's experiments on photovoltaic power (which includes solar power) won him a Nobel Prize in 1921

One kilowatt = 1,000 Watts



Beyond Silicon: Research is underway to develop next generation solar cells using organic dyes and flexible cells