

Photovoltaic synonym

What is a photovoltaic?

The word "photo" is a Greek word used for light and "voltaic" named after Alessandro Volta. The beam of sunlight contains photons which may contain different amount of energy related to the different wavelengths of the solar spectrum. When a photovoltaic material is exposed to sunlight, photons may be reflected, absorbed or transmitted.

What are some synonyms for photovoltaic?

Photovoltaic synonyms - 17 Words and Phrases for Photovoltaic. Photoelectric and optoelectronic are adjectives that can be used as synonyms for photovoltaic. Photovoltaics is another term for the technology.

What is an example of a photovoltaic system?

Examples of this are the gradual conversion of our vehicle fleet to electric mobility or a large number of charging stations on our premises, which can be used free of charge by employees and customers. These charging columns as well as all other electrical devices in our building are powered by a 100kWp photovoltaic system on our company building.

What is a photovoltaic panel?

: of, relating to, or utilizing the generation of a voltage when radiant energy falls on the boundary between dissimilar substances (such as two different semiconductors) Recent Examples on the Web Aside from helping mitigate climate change, photovoltaic panels can also help provide resiliency against outages.

How does a photovoltaic system work?

By 1958, Hoffman Electronics produced photovoltaic cells that were 9 percent efficient, and then the following year those cells were used to power Vanguard I, the first satellite to use PV technology for power. Stored water is then pumped to an internal header tank using a pump powered by a photovoltaic (solar electric) panel.

Synonym: photoelectric. 2021 September 22, "National Rail Awards 2021: Denmark Hill Station Enhancement Project", in RAIL, number 940, page 39: But the truly impressive part of this entry is the photovoltaic film that has been applied to the platform and entrance roofs (all 272 square metres of it). It is a UK first for the railway, and is ...

Although photovoltaic cells hold great promise in future applications, they will also contend with some hard physical limits. 4. Noun Phrase The first photovoltaic cells, developed in the 1950s to power communications satellites, were very inefficient. 2. cell-free . adjective. lacking cells. Synonyms. noncellular; Antonyms.

The earliest known use of the noun photovoltaic is in the 1970s. OED's earliest evidence for photovoltaic is from 1972, in Journal Engin. for Power. It is also recorded as an adjective from the 1900s.



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These two types of silicon are then placed side-by-side within a photovoltaic cell. The Guardian (2015) And the cost of solar photovoltaic has come down by 50%. The Guardian (2016) Rooftop solar photovoltaic installations will shortly hit 2 m. The Guardian (2018)

See origin and meaning of photovoltaic. Log in. Advertisement. photovoltaic (adj.)"of or pertaining to the generation of an electric current at the junction of two substances exposed to light," 1923, from photo-+ voltaic. Related: Photovoltaics (see -ics). also from 1923.

A solar module comprises six components, but arguably the most important one is the photovoltaic cell, which generates electricity. The conversion of sunlight, made up of particles called photons, into electrical energy by a solar cell is called the "photovoltaic effect"; - hence why we refer to solar cells as "photovoltaic", or PV for short.

Another way to say Photovoltaics? Synonyms for Photovoltaics (other words and phrases for Photovoltaics). Log in. Synonyms for Photovoltaics. 6 other terms for photovoltaics- words and phrases with similar meaning. Lists. synonyms. antonyms. definitions. sentences. thesaurus. words. Parts of speech. adjectives. suggest new. photo-voltaic. adj.

A diagram showing the photovoltaic effect. The photovoltaic effect is a process that generates voltage or electric current in a photovoltaic cell when it is exposed to sunlight. These solar cells are composed of two different types of semiconductors --a p-type and an n-type--that are joined together to create a p-n junction.

A photovoltaic system, also called a PV system or solar power system, is an electric power system designed to supply usable solar power by means of photovoltaics consists of an arrangement of several components, including solar panels to absorb and convert sunlight into electricity, a solar inverter to convert the output from direct to alternating current, as well as ...

Synonyms for Photovoltaic Cells (other words and phrases for Photovoltaic Cells). Synonyms for Photovoltaic cells. 64 other terms for photovoltaic cells- words and phrases with similar meaning. Lists. synonyms. antonyms. definitions. sentences. thesaurus. words. phrases. suggest new. boundary layer photocell. electric cells.

What is photovoltaic (PV) technology and how does it work? PV materials and devices convert sunlight into electrical energy. A single PV device is known as a cell. An individual PV cell is usually small, typically producing about 1 or 2 watts of power. These cells are made of different semiconductor materials and are often less than the thickness of four human hairs.

Synonyms for Photovoltaic Cell (other words and phrases for Photovoltaic Cell). Synonyms for Photovoltaic cell. 217 other terms for photovoltaic cell- words and phrases with similar meaning. Lists. synonyms. antonyms. definitions. sentences. thesaurus. words. phrases. Parts of speech. nouns. Tags. battery. suggest



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new.

Photo by Sungrow EMEA on Unsplash What does the term "photovoltaic" mean? The term is derived from two root words: "photo" and "volt". The former comes from the Greek word for "light", as in photo synthesis. The latter is the unit of electromotive force, one of the measurements for electric power.

Synonyms for Photovoltaic Panels (other words and phrases for Photovoltaic Panels). Synonyms for Photovoltaic panels. 58 other terms for photovoltaic panels- words and phrases with similar meaning. Lists. synonyms. antonyms. definitions. sentences. thesaurus. suggest new. photovoltaic arrays.

1. PV cells absorb incoming sunlight The photovoltaic effect starts with sunlight striking a photovoltaic cell. Solar cells are made of a semiconductor material, usually silicon, that is treated to allow it to interact with the photons that make up sunlight.

6 Photovoltaic cell synonyms. What are another words for Photovoltaic cell? Solar cell, solar collector, solar panel, solar battery. Full list of synonyms for Photovoltaic cell is here.

Photovoltaics (PV) is the conversion of light into electricity using semiconducting materials that exhibit the photovoltaic effect, a phenomenon studied in physics, photochemistry, and electrochemistry. The photovoltaic effect is commercially ...

The process of photovoltaics turns sunlight into electricity. By using photovoltaic systems, you can harness sunlight and use it to power your household! Photovoltaic (PV) Energy: How does it work?



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