

European Solar and Energy Storage Solutions

English word for photovoltaic panel



Overview

There are many practical applications for the use of solar panels or photovoltaics covering every technological domain under the sun. From the fields of the agricultural industry as a power source for irrigation to its usage in remote health care facilities to refrigerate medical supplies. Other applications include power generation at various scales and attempts to integrate them into homes and public infrastructure. PV modules are used in photovoltaic systems and include a lar.

A solar panel is a device that converts into by using (PV) cells. PV cells are made of materials that produce excited when exposed to light. The electrons flow through a circuit and produce (DC) electricity, which can be used to power various devices or be stored in . Solar panels are also known as solar cell panels, solar electric pane.

What does photovoltaic mean?

fotovoltaico. Need a translator?

Get a quick, free translation! PHOTOVOLTAIC definition: 1. able to produce electricity from light, or relating to the process of doing this: 2. able to. Learn more.

What is a photovoltaic cell?

A photovoltaic cell or panel is a device that uses sunlight to cause a chemical reaction which produces electricity . Collins COBUILD Advanced Learner's Dictionary. Copyright © HarperCollins Publishers Collins English Dictionary. Copyright © HarperCollins Publishers Webster's New World College Dictionary, 4th Edition.

What is a photovoltaic solar system?

A Photovoltaic solar system. A linked collection of solar panels on a roof is called an 'array'. Power density is the amount of power per mass. PV inverters are measured by power density. The higher the power per mass, the better the inverter.

Where does the word photovoltaic come from?

The term "photovoltaic" comes from the Greek φῶς (phōs) meaning "light", and from "volt", the unit of electromotive force, the volt, which in turn comes from the last name of the Italian physicist Alessandro Volta, inventor of the battery (electrochemical cell). The term "photovoltaic" has been in use in English since 1849.

How does a photovoltaic system work?

The photovoltaic effect is commercially used for electricity generation and as photosensors. A photovoltaic system employs solar modules, each comprising a number of solar cells, which generate electrical power. PV installations may be ground-mounted, rooftop-mounted, wall-mounted or floating.

How do photovoltaic cells produce electricity?

Special panels of photovoltaic cells capture light from the sun and convert it into electricity. A solar cell is a photovoltaic device that produces an electrical current from light. A photovoltaic device produces a voltage when it is exposed to light. Collins COBUILD Key Words for Mechanical Engineering.

English word for photovoltaic panel



Solar panels in Spanish , English to Spanish Translation

solar panel (so- luhr pah-nihl) A noun is a word referring to a person, animal, place, thing, feeling, or idea (e.g., man, dog, house). Search millions of Spanish-English example sentences ...

Solar Energy Terminology Guide & Solar Terms Glossary

A PV panel, also referred to as a solar panel, is comprised of photovoltaic solar cells connected in a series. PV panels are installed on the rooftop where they absorb photons (light energy) to generate electricity. PV panels are connected ...



photovoltaic?????_photovoltaic ???_??_??_??_??...

?????????????????????????????????????. This process of converting light (photons) to electricity (voltage) is called the photovoltaic (PV) effect. ??? (??) ??? (??) ...

Solar panel

OverviewHistoryTheory and constructionEfficiencyPerformance and degradationMaintenanceWaste and

recyclingProduction

A solar panel is a device that converts sunlight into electricity by using photovoltaic (PV) cells. PV cells are made of materials that produce excited electrons when exposed to light. The electrons flow through a circuit and produce direct current (DC) electricity, which can be used to power various devices or be stored in batteries. Solar panels are also known as solar cell panels, solar electric pane...



Our Lifepo4 batteries can be connected in parallel and in series for larger capacity and voltage.



Solar Glossary: Key Solar Terms Defined

A typical solar panel can produce between 250 and 270 watts of peak power during ideal conditions, which means you'll need about 24 solar panels to make a 6-kW array. See Also Solar Array, Solar Panel. Megawatt/Megawatt Hours. ...

PHOTOVOLTAIC definition and meaning , Collins English Dictionary

photovoltaic in British English. (ˌfɒtəˈvɔlˌteɪk) adjective. of, concerned with, or producing electric current or voltage caused by electromagnetic radiation, esp visible light from the sun. ...



Photovoltaics

OverviewApplicationsEtymologyHistorySolar cellsPerformance and degradationManufacturing of PV systemsEconomics

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