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The use of cheap solar power has been around since centuries. Man has extensively used it for various purposes from drying clothes to cultivating vegetation in greenhouses. In recent times, the widespread use of coal and crude oil as energy sources have caused great damage to the ozone layer and are rapidly depleting in quantity. Their prices have sky-rocketed, making cheap solar power a highly sought-after resource. There are endless uses of this renewable energy; some of the frequently used products are described below.

Solar-Powered Lanterns

Solar lanterns are handy source of illumination. Its portability and convenient size enables it to be used as a regular torch. The solar panel fixed to the lantern accumulates solar energy from the sunlight. This energy is converted into electrical energy by the solar cells placed inside the lantern; the NiCad battery stores the converted energy. While a normal torch uses domestic electricity to charge, solar lanterns charge using the sunâ€™s energy.

Solar flashlights are extremely handy in remote locations where electric energy is unobtainable. They are widely used on camping trips and in places where power failures are frequent.

Pumping Water Using Solar Technology

Farmers and people living in remote settings often require water pumped in areas where power lines are not installed. Solar water pumps are an excellent alternative to expensive pumps that use gas, manual labor and wind, which is unpredictable. Solar pumps rely expansively on the sunâ€™s energy, being the most efficient during the hot, sunny climates when water is in high demand.

A solar-powered pump includes several photovoltaic panels. Each panel comprises of solar cells made of semi-conducting silicon, which produces electricity upon exposure to the sun. The electricity is collected by the panel wiring and use as the source of electrical energy that runs the solar water pumps in the sun. The current is also accumulated in batteries for later use.

Domestic Use Of Solar Panels

Solar panels are highly popular when it comes to heating water at homes and apartments. Electricity can be expensive; however, using solar energy to heat water is most efficient and inexpensive. Their function is the same as that in the solar lights and pumps. Solar panel suppliers are experts in knowing panel installation and functions. Solar panel suppliers ensure that you make the most out of panel installation for your home.

The sun will take another billion years to extinguish, which is why it is the most efficient source of renewable energy for generations to come. By falling back on solar power, you leave other energy sources for more important uses

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