

SOLAR - POWERED DEVICES

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Nowadays humanity is trying to use the resources of nature to the maximum for their own purposes, which causes an increase in the use of solar energy. Consequently, this makes it possible to create a huge number of solar-powered devices that are now actively used.

In the classical form, the solar powered device includes a solar battery (a direct current generator), a battery with a charge control and an inverter that converts direct current into alternating current. This is the entire set that represents the current.

Where to use such power sources? A striking example is the usual charger for the phone, which can safely work on solar batteries. It is convenient since the sun is always at hand during the day. Another example can be the street lights because they can also work without the supply of electricity but only with the help of solar batteries. This is beneficial not only to people but also to the country that will install them, and of course to the planet.

Solar panels are also used in space for spaceships since they are almost the only source of energy.

Nowadays, people pay more attention to ecological issues and the problem of getting inexpensive energy is becoming more urgent. I think that solar-powered devices can benefit to solving this problem.

Reference:

Solar Battery Buyers Guide. (08 October 2021). Retrieved from: <https://www.solar.vic.gov.au/solar-battery-buyers-guide/print-all>.