



PD Deep Cycle Series Plus Power

Are deep cycle batteries better than regular batteries?

Regular batteries like those used in cars produce a shorter burst of electricity. But deep cycle batteries can produce ongoing, lower yet consistent, levels of power. Deep-cycle batteries are popular for off-grid or hybrid solar systems because they can be completely discharged and don't aren't damaged as quickly as normal batteries can be.

What is a deep cycle battery?

In contrast to car batteries which only provide short bursts of energy, deep cycle batteries are designed to provide sustained period over a longer period of time. Deep cycle batteries can be discharged up to 80%, but most manufacturers recommend not discharging below 45%. Regularly going beyond that point will shorten the life of the battery.

What is the difference between a starting and a deep cycle battery?

Starting batteries are used for turning on appliances, such as lighting or a car's ignition. These batteries provide a lot of power over a very short period to get an appliance (or car) up and running. Deep cycle batteries, on the other hand, produce a smaller amount of energy but can do so for a very long period of time.

Are deep cycle batteries a good alternative to solar energy?

In particular, deep cycle batteries are a perfect complement to solar energy. While the sun shines during the day, deep cycle batteries can store generation from your solar panels. When the sun goes down, you can use the electricity stored in the battery to power devices in your home.

Should you choose a deep cycle battery for your solar system?

After all, a poor functioning or under performing battery can reduce the overall solar system performance and end up costing you thousands in the long run. Conclusion Deciding on the right solar storage solution can be challenging with all of the deep cycle battery options available.

Are deep cycle marine batteries suitable for solar installations?

In reality many deep cycle marine batteries aren't suitable for solar installations. Instead, a solar deep cycle marine battery will be more reliable so you have energy when you're on the water. If you live in a home with access to the electrical grid:

The DCS-33HIT Series boasts an extended lifespan capable of providing true deep cycle power. This battery is built with C& D's premier no leak AGM battery technology. The C& D DCS-33HIT Deep Cycle batteries were created to help ...



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