

## SolarInnovate Energy Solutions

**RV outdoor power supply is usually large**



## Overview

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What kind of power does an RV use?

When you're plugged into shore power at a campground or home, your RV is getting its electricity from an external source - usually a large box on the ground near your campsite. This is called a pedestal, and it has three types of electrical outlets in it: a 30 amp plug, a 50 amp plug, and a 120 volt AC outlet.

What is the power supply in a motorhome?

The power supply in the motorhome also sounds complicated at first, but in principle it's easy. Motorhomes or campers usually have two batteries: A starter battery and an on-board battery. They are the storage medium for the energy available in the camper. There are various ways to charge the batteries - but more on this later.

What are the two types of electrical currents used in an RV?

They are: AC power (Alternating Current) and DC power (Direct Current) are the two types of electrical currents used in an RV electrical system. AC power is similar to the electricity in your home, and DC power is similar to the electricity in your car.

What type of plugs do RV campgrounds use?

There are two different types of plugs at RV campgrounds: 30 amp and 50 amp. Most RVers will have a 30 amp rig, but if you have a 50 amp rig, it means your RV can pull more power from the campground. You can tell which you have by looking at your RV power cord.

Does 120 volt AC work at RV campgrounds?

The 120 volt AC power only works when plugged into shore power at a campground or when running a generator. This is where amperage comes in. There are two different types of plugs at RV campgrounds: 30 amp and 50

amp. Most RVers will have a 30 amp rig, but if you have a 50 amp rig, it means your RV can pull more power from the campground.

What is shore power in an RV?

Shore power, or pedestal power, is the term used for the electrical supply that's available at an RV park. This is a 120 volt AC outlet that provides electricity to your RV. Before you go. Hopefully, now you have a basic understanding of your RV's electrical system.

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**12.8V 100Ah**



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