

Solar power and solar panels



If you don't want to sacrifice luxury items such as fridges, TVs and mobile devices when you're in your new luxury caravans, you need a caravan solar power system. A complete cure to noise and air pollution, solar panels (for example: [RENOGY SOLAR SUITCASE](#)) are a necessity for caravanners who live off the grid.

Solar panels work by absorbing sun's energy and storing it for future use.

How does solar power work?

Solar panels are activated when sunlight hits the photo-voltaic solar cells, which absorb solar energy which in turn is converted to electricity. Next, the solar charger stores the charge in a battery. However, you need to use a power regulator to prevent overcharging the batteries. Adding an inverter will help you convert DC to AC, allowing you to use AC-appliances in your caravan.

Advantages of Solar Power

When you're out in the wilderness for a week, even if you watch no more than one hour of TV per day, your battery will not last very long. Fortunately, with solar panels you can enjoy unlimited power supply. From saving money to saving space, solar panels are ideal for eco-friendly camping!

- Silent

Unlike gensets and most other power sources, solar panels operate silently and have zero emission.

- Economical

Yet another significant bonus to buying solar panels for caravans is saving money. Even though the initial cost of solar panels is quite high, your long-term savings more than make up for it. That is because you will never have to shell out for power anymore.

- Convenient

Solar panels require nothing but the sun. Considered perfect for caravanners, solar panels do not need regular maintenance. Unlike generators, they don't need fuel or oil. All you have to do is fix the panels where they can get plenty of sunlight; and before you know it, your battery is fully charged!

- Battery Saver

Solar panels can continually operate for 20-30 years without issues. Solar energy keeps your battery topped up; thus you avoid full discharges, preventing battery deterioration.

- Eco Friendly

Solar panels do not emit harmful emissions to the environment and hence are ranked among the most environment friendly alternative energy solutions today. Nevertheless, select a campsite location where your solar system can get maximum exposure to sunlight.