



# Adding 2nd battery to rv with solar

Can you charge two batteries with an RV solar kit?

Yes, many new RV Solar kits from Go Power include a dual bank controller that allows you to charge two batteries. Always connect the RV house battery bank to the first battery position as it will receive the full charge before the second battery begins to charge. Here are a few of the terms that are important to know when solar charging two battery banks:

How do I connect two batteries to an RV solar controller?

To connect two batteries to an RV solar controller, notice the two discrete battery connection points on both sides of the solar array connection on the back of the controller. You can easily start with one battery and add a second bank later. Many of the new RV Solar kits from Go Power have this dual bank controller included in the kit.

Should I add a second battery to my RV?

Before we dive into the wiring and installation of a dual battery, here is a quick recap of the benefits of adding that second RV battery: You have increased battery power. Adding that second battery will theoretically double your power capacity for your DC loads. Your camping fridge, slide-out motor, and lights rely on battery power.

How to charge two battery banks on an RV?

When charging two battery banks on an RV, always connect the RV house battery bank to the first battery position, as it will receive the full charge before the second battery begins to charge. Here are a few important terms to know when solar charging two battery banks: Solar Charge Controller - keeps the solar panel from over charging your batteries.

Can I charge two different batteries from a single solar panel?

Many RV owners ask if they can charge two different batteries from a single solar panel. For instance, they might want to charge their house batteries and their ATV or boat trolling battery. Most solar charge controllers only allow charging one battery.

How do you connect a 12V RV battery to a deep dive?

Connect one end of the jumper cable to the open negative end and the other to the open positive terminal. This battery is now producing double voltage at 12 volts. However, the capacity of the battery remains the same. For a lot more information, visit the [Ultimate Deep Dive into 6v vs 12v RV batteries](#).

Can I charge two batteries in my RV just using one solar panel? We get a lot of questions from our customers about charging two different batteries in their RV from a single solar panel. For example, they want to charge a battery for their ...



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