



GermanSolarZA

The inverter can be connected to a DC generator





Overview

How do you connect a generator to an inverter?

One of the most common ways to connect the two is to use the generator to charge batteries, which then feed power into the inverter. Here's how it typically works: This method is popular in off-grid cabins, RVs, or emergency backup systems.

Do I need a separate inverter generator?

Even just a small one could help you power a few weaker electronics. You can then still use the rest of the high THD power to run devices like a sump pump or well pump that can typically deal with this non-inverter electricity. However, if you already have an inverter generator, you don't need a separate inverter too.

Should I buy an inverter generator?

In turn, you generally want to invest in an inverter generator if you plan to power any sensitive electronics. One potential exception if these sensitive electronics do not need that much power. In that case, you could get a small inverter and use the rest of the available power to run your other devices that can deal with higher THD levels.

Do inverters need a DC outlet?

However, in practice, many of the inverters on the market need DC power input. And even if your generator has an outlet with this type of power, you may need an adapter to connect it to the inverter. After all this work, you will likely still find the capacity of the small DC outlet of your generator lacking.



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