How big a resistor should I use to make a 24v inverter

You just need to connect a suitable resistor between the DC load and inverter for a few seconds. Then, remove the resistor and connect the DC load to the inverter.

The main switch should be rated for the draw on the inverter. The complexity of the circuit would depend on how often you are connecting your battery and inverter.

I"m going to buy a 24v inverter - around 2000 watts or maybe 1500, depending on the best price I can find at the time. Looking at Amazon resistors, I"m seeing from 1 to 1 million ohms.

In this post I have explained how to correctly calculate inverter parameters with associated stages such as battery and transformer, by calculating the matching the parameters ...

Be gently on the inverter. I myself use a 60V laboratory power supply. This way I can use one piece of equipment for 12, 24 and 48 volt inverters. And not just to charge up the capacitors but ...

Search this forum for "precharge resistor" or "pre-charge resistor". There are several good threads on the subject of its use with an inverter to avoid big sparks.

With the 1ohm resister, though, I can easily fully power the inverter (with no external load, of course) over the resistor. Not that you really need to, but all you really need to do with the resistor ...

Step-by-step guide to sizing a 24V off-grid inverter and matching the battery bank. Includes load inventory, inverter selection, battery Ah calculations, examples and FAQs.

On every system I"ve ever built, I used a 10w 10ohm resistor, doing it the old fashioned way. Even for dual 48v Victron Quattro 10k"s, it wasn"t too low of a resistance, and works good on ...

If you have the ability to turn the inverter off and on, by something other than a circuit breaker (so caps remain connected even when off), then any resistor or light bulb will do, so long as ...

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