

# What is the output current of a 12v1000w inverter

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Inverters with a greater DC-to-AC conversion efficiency (90-95%) draw fewer amps, whereas inverters with a lower efficiency (70-80%) draw more current. Note: The results ...

The current draw from a 12V or 24V battery when running an inverter depends on the actual load, not the inverter size. A quick rule is to divide watts by 10 for 12V systems or 20 for 24V systems.

A 1000 watt load on a 1000 watt 12V inverter draws 100 to 110 amps, depending on the inverter efficiency. On a 24V setup, the same 1000 watt load will draw 40 to 60 amps.

In this article, I discuss the amount of Current (Amps) that a 1000 Watt inverter is capable of pulling from the battery and explain how to use the voltage of your battery bank and ...

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