

# How much power inverter to buy





## Overview

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How do I choose the right inverter size?

Here is our last bit of advice on how to select the correct inverter size: Check our inverter size chart. List all your appliances in the function of their power output. Apply our inverter size formula. Do not exceed 85% of your inverter's maximum power continuously. Oversize your inverter for extra appliances in the future.

What are the different solar inverter sizes?

Solar generators range in size from small generators for short camping trips to large off-grid power systems for a boat or house. Consequently, inverter sizes vary greatly. During our research, we discovered that most inverters range in size from 300 watts up to over 3000 watts. In this article, we guide you through the different inverter sizes.

How much wattage does an inverter need?

This gives you your total wattage requirement - the baseline power your inverter needs to handle. As an example, Let's say you want to power a 60W TV, a 100W refrigerator, and some 10W lights for 8 hours. Your total wattage would be:  $Total\ Wattage = 60W + 100W + (10W * 8) = 190W$ . Adding a Safety Buffer.

How do I choose the right AC inverter?

Knowing your AC power needs is key for selecting the right inverter. WattBuild's calculator lets you list the devices you want to power and then tells you the key stats you need to know, as well as showing which products on the market are compatible. Use the Add Device section to begin adding your devices.



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