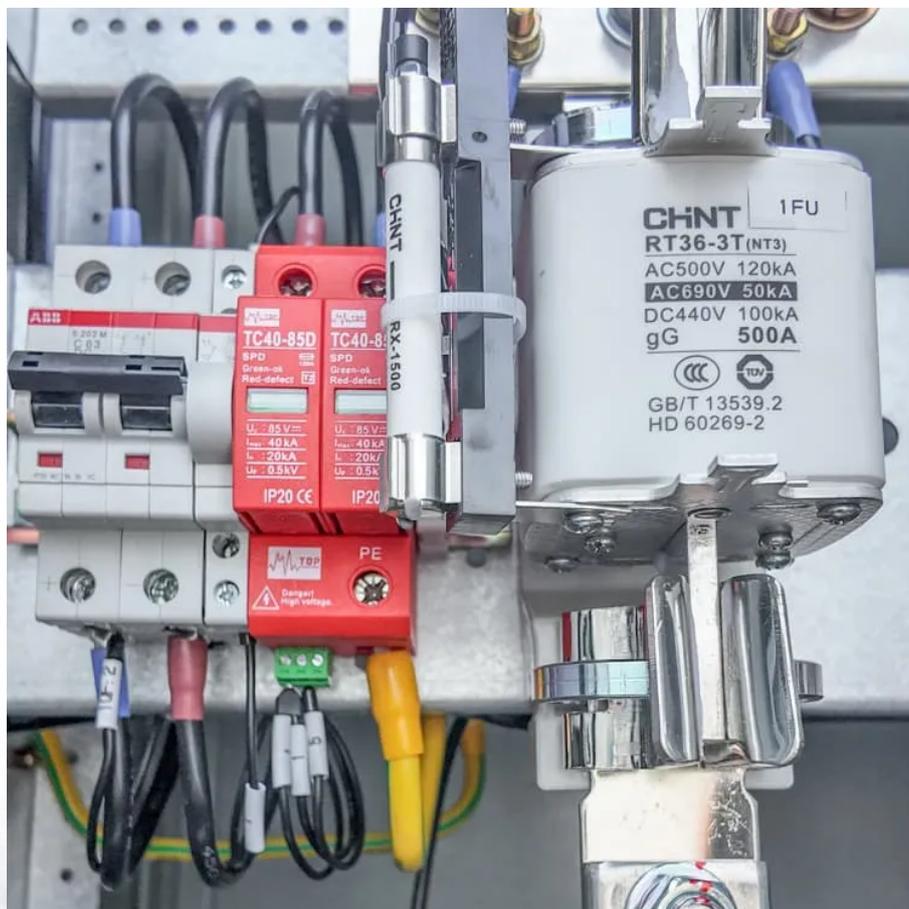


# How big an inverter do I need for a 1500w household appliance





## Overview

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Do I need an inverter size chart?

The need for an inverter size chart first became apparent when researching our DIY solar generator build. 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.

How many Watts should a 1500 watt power inverter have?

Some appliances (e.g., refrigerators or power tools) start at 2-3 times the continuous operating power. Look for inverters with a surge rating of at least 3000 watts if you plan to run high-startup load devices. A good 1500 watt power inverter should include built-in safety protections, such as:.

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 power does an inverter need?

The continuous power requirement is actually 2250 but when sizing an inverter, you have to plan for the start up so the inverter can handle it. Third, you need to decide how long you want to run 2250 watts. Let's say you would like to power these items for an eight-hour period.



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