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# Maximum power of portable energy storage power supply





## Overview

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What can a portable power station charge?

All portable power stations can charge up small gadgets like phones and laptops or be used to power lighting. Most can handle small appliances like mini-fridges or TVs. If you want to use power tools, an AC unit, or in the UK, a kettle, you need to be able to draw thousands of watts.

Should you buy a portable power station?

The term “portable” is stretching it sometimes. Batteries are heavy. The larger-capacity power stations are typically on wheels and have telescopic handles, and they are still tough to cart around. If you’re looking for something you can actually carry on foot for a distance, you may need to temper your expectations on capacity.

What is the best portable power station?

By far the most portable power station in our guide, the EcoFlow River 2 Pro weighs just 17 pounds and has a large handle along the back. The LiFePO4 battery inside is good for 768 watt-hours, and I managed to squeeze a little more out of it in my tests. The ports are great for camping trips, with everything you need to charge small gadgets.

What is the difference between a power bank and a portable power station?

Size is the main difference between the best power banks and the best portable power stations. Power banks are typically compact with small capacities designed to charge smartphones and other small gadgets. Power stations have far larger capacities and can potentially run small appliances and larger gadgets.



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