

SolarInnovate Energy Solutions

Castrie Portable Power Bank





Overview

These days, "small" portable batteries have a capacity of around 5,000mAh, which means they easily fit into your pocket and still have enough power to fully top up your phone once. Meanwhile, a 10,000mAh battery can give today's flagship phoness two full charges. A 20,000mAh.

Generally speaking, you charge the battery itself via USB-C (input). Speeds differ depending on the battery you choose. Many batteries also still include a standard USB-A port (output). This is for plugging in USB-A-to-Lightning or USB-A-to-USB-C cables for.

Pass-through charging is another feature to consider; with it, you can charge your device and a portable power bank simultaneously. That's convenient if both your phone and backup battery are running on empty. You shouldn't encounter any safety.

Another factor to consider is how quickly a power bank can charge your device. Battery output is measured in voltage and amperage. Amperage (or current) is the amount of electricity.

Wireless charging has become popular because it allows you to power up compatible devices without a cable. Qi is the dominant standard for compatible Android phones (up to 15W), while Apple iPhones rely on MagSafe charging (up to 25W). iPhones will.

What is a power bank?

A slew of terms are used to describe power banks, including portable batteries, portable chargers, external battery packs and even, somewhat confusingly, USB chargers, which is what wall chargers are often called.

Which power bank should I buy?

The Nimble Champ is our top recommendation for most folks, but we have all sorts of alternatives here. Read our Best MagSafe Power Banks guide for Apple-specific portable chargers, and our Best Portable Power Stations guide if you need more power. Updated June 2025: We've added power banks from Redmagic and Statik, and added a new FAQ.



How much does a power bank cost?

Iniu Power Bank Bal-B64 for \$72: Offering relatively low prices, Iniu is a power bank brand on the rise. This portable charger packs a 27,000-mAh capacity, can put out up to 140 W, and charges three devices at once via two USB-C ports and a single USB-A port.

What is the best wall-charger power bank?

Infinacore Pandora Portable Power Global Wireless Charger for \$50: This was our pick for the best wall-charger power bank, and it is still a decent charger that plugs directly into the wall. It has the advantage of optional EU and UK plug adapters for an extra \$10, making it a handy travel companion.

Does the Mophie powerstation have pass-through charging?

The feature you want to be looking for is called pass-through charging. Many power banks still don't have this—especially on the lower end of battery capacity. The Mophie Powerstation does, as do most other Mophie-branded power banks.

Do you need a portable battery or power bank?

Watching your phone or tablet steadily run out of power when you're nowhere near an outlet is stressful. But there's an easy solution: a portable battery or power bank. They are available in many sizes and capacities and can include handy features like fast charging and multiple ports.



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INIU Power Bank, 20000mAh Fast Charging Portable ...

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