

What kind of battery is 21700





Overview

What is a 21700 battery?

A 21700 battery is a high capacity lithium ion rechargeable battery. Their proper name is a “21700 cell”. The 21700 cell has voltage of 3.7v and has between 3000 mAh and 5100 mAh (mili-amp-hours). The 21700 is physically larger than an 18650 battery, and AA/AAA batteries.

What is the difference between a 21700 and a smaller battery?

One of the standout features of the 21700 is its higher capacity and energy density compared to smaller batteries. This allows it to power larger devices, such as electric vehicles and solar energy storage systems, with more reliable performance and fewer recharges. As mentioned earlier, the 21700 battery is 21mm in diameter and 70mm in length.

What is the nominal voltage of a 21700 battery?

The nominal voltage of a 21700 battery is generally around 3.6V to 3.7V, which is standard for lithium-ion technology. These batteries are designed to handle higher continuous discharge rates, making them suitable for high-drain devices like power tools and electric vehicles.

What is the difference between a 21700 and a 5000 mAh battery?

This larger size allows for greater energy storage capacity compared to smaller batteries, making it an attractive option for various applications. The capacity of 21700 batteries typically ranges from 3000mAh to 5000mAh, providing longer runtimes for devices that demand high power.



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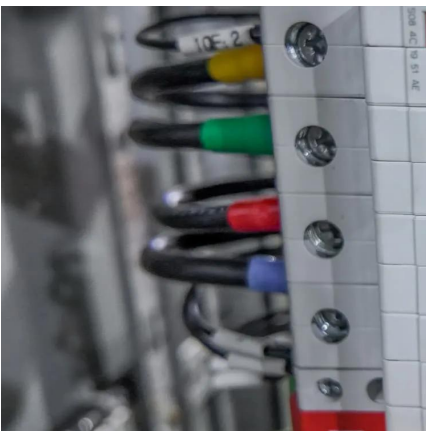


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