

# Lithium ion 18650 battery

This is a generalized specification of 18650 Li-ion battery, only properties marked with the remark of "Standard" are common to all 18650 batteries else not. This is to note that other properties such as capacity charge discharge cycles and capacity (mAh) are subjected to independent technologies to increase capability values to the ...

An 18650 battery is a type of lithium-ion rechargeable battery. The numbers "18650" refer to the battery's dimensions: it is 18mm in diameter and 65mm in length. 18650 batteries are commonly used in electronic devices such as laptops and flashlights, as well as in electric vehicles and other high-power applications.

An 18650 battery[1] or 1865 cell[2] is a cylindrical lithium-ion battery common in electronic devices. The batteries measure 18 mm (0.71 in) in diameter by 65 mm (2.56 in) in length, giving them the name 18650. [3] The battery comes in many nominal voltages depending on the specific chemistry used.

In this guide, we use some analogies to help you understand basics of 18650 lithium battery. What does 18650 mean, how long do 18650 battery last or hold charge, what to look out for when swapping out the battery, and what's difference between protected and

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