

# 21700 battery cell basic parameters

It sets a high standard for industrial and automotive-grade cells. Tesla's 21700 Cell: Engineered specifically for the Model 3 and Model Y, this cell emphasizes total cost, energy density, ...

Charging voltage Charging shall be done by voltage less than that specified in the product specification.  
Charging time Continuous charging under specified voltage does not cause any loss of performance ...

This document specifies the technical parameters of Li Ion 21700 5000mAh 18Wh battery cells produced by AMS Batteries. Key specifications include: - Nominal voltage of 3.6V, charging voltage of 4.25V, ...

21700 battery data sheet: The data sheet specification describes the technical parameters and standard tested output of each for the particular component or module.

Discover the guide to 21700 battery - specs, capacity, voltage, cycle life, applications, and 21700 vs 18650 comparisons. Ideal for tools, energy storage, and industrial devices.

Range 1 year at -20 to +30°C >70% Please follow LiPol Handling and Safety Precautions for Lithium Polymer Battery. This battery meets the requirements of Battery Directives, and the battery parts are ...

0°C (2) At 25°C (3) Energy density is calculated using bare cell dimension. 5mm Max. 10.5mm  
When designing a pack, refer to the cell's mechanical drawing for precise dimensions. <Remark> These ...

Discharge capacity is measured with constant current 20A and 2.5V cut-off cell is charged with 4.2V as follows. Note: Percentage as an index of the capacity at 25°C (=3900mAh) is 100%. Discharge ...

High-drain 21700 battery has a high current of more than 30 amps without any bad effect on battery working life, and low-drain 21700 battery is not discharged with more than 5 amps current. ...

The 21700 battery is a cylindrical lithium-ion battery with a diameter of 21mm and a length of 70mm. It offers a nominal voltage of 3.7V and a capacity of up to 5,000mAh, making it a ...

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