

# What is the minimum voltage of a Russian 6-string lithium battery pack

**Voltage:** Ensure the battery's voltage is compatible with your device's voltage requirements. For a 6s battery, the nominal voltage is 22.2V, and the fully charged voltage is 25.2V.

**Cut-off Voltage:** This is the minimum safe discharge voltage, typically 2.5V per cell. Discharging below this threshold leads to a harmful deep discharge state, which can permanently damage the battery.

Rated voltage of this 6-cell battery pack is 11.1V and nominal capacity 4400mAh. 11.1V 6-cell lithium battery is often called 12V Lithium Battery. 3S2P and 2S3P combinations can attain different voltage ...

The 6S configuration is a global industry standard, delivering 21.6V-22.2V nominal voltage (based on cell chemistry), with a fully charged voltage up to 25.2V (IEC 62619, UL 2054/2580, UN38.3). ...

For Li-ion, from the VCT6 chart, 3.0V is a good cutoff. From the chart above, flight time from 3.1V to 3.0V to 2.9V is probably like only 5sec. Yup, 3v is a good target and in my experience about 85-90% of ...

**Danger Zone / Minimum Safe Voltage:** This is the lowest voltage you should let your battery reach per cell. Crucially, this value varies between manufacturers and battery types.

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Cut-off voltage is the lowest voltage a battery cell should reach before it is considered discharged. Discharging below this level can lead to permanent damage, capacity loss, and battery failure.

The voltage at 0% charge for a lithium-ion cell is typically around 2.5V to 3.0V, depending on the specific chemistry. However, it's important to note that discharging a lithium-ion battery to 0% can damage it ...

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