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Direct charging of tool batteries





Overview

How to choose a battery for a power tool?

Pick a charger or charging mode suitable to the application and run time needs. According to Power Tool Institute, original manufacturer batteries contain innovative technology to monitor battery health, cell balance, temperature and other critical functions designed to help maintain longer-lasting tools.

What is a power tool battery cycle?

This cycle resembles the typical use scenario of a power tool battery pack, e.g., used by a professional craftsman working with a power tool at a construction site over several hours. It consists of intensive use (A), cool-down phase I (B), charging (C), and cool-down phase II (D).

What is the use/charge cycle of a power tool?

Use/charge cycle: While using the power tool, the battery pack is quickly discharged and heats up ((A): Use phase). After being totally discharged, it is placed in the charging unit.

Do cordless tools need a battery?

A reliable power tool battery is essential for anyone using cordless tools, whether for professional work or DIY projects. However, improper charging habits can lead to shorter battery life, weaker performance, or even dangerous situations.



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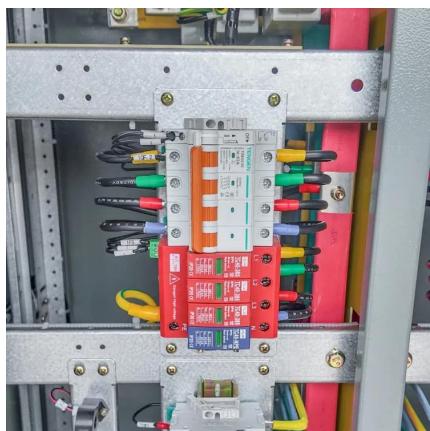
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