

What is a battery pack?

They may be configured in series, parallel or a mixture of both to deliver the desired voltage, capacity, or power density. Packs are identified by cell size, number of cells, battery structure, chemistry, chargeability, capacity, and voltage rating. 18650 Battery Products - Battery Packs are in stock at Digikey.

What is a high capacity 18650 battery?

Most 18650 cells range from 1200mAh to 3500mAh, with high-capacity models used for extended runtimes and lower-capacity cells favored in high-discharge applications. High-drain 18650s can support continuous discharge rates (CDR) of 10A to 30A or more, essential for demanding devices like power tools and electric vehicles.

How long does an 18650 battery last?

Depending on usage conditions and cell type, an 18650 battery typically supports 300 to over 1000 full charge cycles, with premium cells (e.g., LFP) lasting significantly longer. Protected 18650 Batteries: Integrated with a protection circuit module (PCM) that safeguards against overcharging, over-discharging, and short-circuiting.

What is a high-drain 18650 battery?

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18650 Battery Packs A battery pack is a set of any number of battery cells connected and bound together to form a single unit with a specific configuration and dimensions. They may be configured ...

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