

What does 2pack mean on a battery





Overview

What does p mean in a lithium battery pack?

The “P” in a lithium battery pack is “Parallel.” It denotes the number of cells connected in parallel. For example, a 3P battery pack has three cells connected in parallel. If each cell has a capacity of 2000mAh, the total capacity of the pack is 6000mAh (2000mAh x 3).

What does the s on a lithium battery pack mean?

The “S” in a lithium battery pack stands for “Series.” It indicates the number of cells connected in series. For instance, a 3S battery pack has three cells connected in series. If each cell is 3.7V, the total voltage of the pack is 11.1V (3.7V x 3).

What is a battery pack?

A battery pack is the largest and most complex unit of a battery system. It is an integrated assembly of multiple battery modules or individual cells arranged in a specific configuration to meet the voltage and energy requirements of a particular application.

What are the characteristics of a battery pack?

Gravimetric Energy Density - Wh/kg of a battery pack. HV Distribution - in high voltage (HV) battery packs the busbars join all of the collections of cells together electrically, these are fused and switched. Joining Techniques for Pack Enclosures Internal Resistance - the DC internal resistance of a battery pack.



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