



SolarTech Power Solutions

Belarus shaped lithium battery pack

12.8V 100Ah



Overview

What is a lithium battery?

Custom Lithium Battery Packs & Assemblies Lithium is the lightest non-gaseous metal, and its negative potential for battery packs is higher than any other metal. Lithium-chemistry batteries and battery packs have the highest specific energy (energy per unit weight) and energy density (energy per unit volume) of all battery types.

What is a lithium polymer rechargeable battery pack?

Lithium polymer rechargeable battery packs are available in different, custom-tailored configurations that can deliver longer run times or higher discharge rates. Cells as thin as a credit card are possible. Common applications include: Small one- or two-cell consumer electronics Industrial and many others.

What are rechargeable lithium batteries?

Rechargeable lithium batteries are popular for a wide array of applications. These battery packs provide excellent energy density, hold their charge for long periods when not in use, and do not experience “memory effect” in charging.

Why are rechargeable lithium-ion batteries so popular?

Rechargeable lithium-ion (Li-ion) rechargeable battery packs continue to grow in popularity thanks to their greater energy density—up to twice that of nickel- and lead-based chemistries—and low self-discharge rates, as well as ever-improving technologies that continue to make them safer and less expensive than earlier lithium battery types.

What is lithium polymer battery technology?

Lithium polymer cell technology is constantly improving, as manufacturers introduce ever smaller, lighter, and more powerful cells. Lithium polymer rechargeable battery packs are available in different, custom-tailored

configurations that can deliver longer run times or higher discharge rates. Cells as thin as a credit card are possible.

Is lithium primary a good battery?

In general, it is a great choice for long-life and remote applications. Lithium Primary Custom Power designs, develops and manufactures custom lithium primary battery packs and assemblies for a wide range of applications.

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