

## Kongres Container

# Israel customized lithium battery outdoor power supply



## Overview

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How to choose a lithium battery for your project?

Select cylindrical cell or polymer pouch cell or prismatic cell for your project. For small project, for example, the 36V 15Ah Ebike lithium battery and 72V 45Ah Scooter lithium battery, we usually use cylindrical cell or polymer pouch cell, which will be more flexible for design and manufacturer.

How does the size of a lithium battery affect energy storage?

The size of the lithium battery will greatly influence how much energy storage can the lithium battery pack do. The larger space, the more energy can fill in. For example, a customer wants a 48V 50Ah battery pack for AGV and give us a space dimension.

How can electric scooter lithium battery be customized for factory customers?

More electric scooter lithium battery can be customized for factory customers. Design multi-material battery technical scheme. Ensure excellent performance of 4-wheeler vehicles, AGV, Special equipment, etc. SmartPropel is a high tech enterprise, specializing in R&D and Production of Lithium Battery for 15 years.

What temperature should a lithium battery pack be charged at?

For most battery packs, the charge temperature range is 0-45°C, the discharge temperature range is -20-55°C. For example, if the snowmobile lithium battery pack is used in an extremely low temperature, we should consider adding a heating system, to ensure its normal usage. 7. Confirm the charging time.

What happens if a lithium battery pack is used in EV?

When the lithium battery pack is used in EV, AGV, etc, some of the battery output ports are the same, some of the battery output ports are irregular, and some of the battery output ports are two wires.

Can a 72V 100Ah battery pack be customized?

As you know, battery pack are customization is mainstream in recent years. Even two 72V 100Ah Battery packs may be used in the different application fields, with different sizes, different structures, different charge or discharge current, different ports, different communication protocols, etc.

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