

SolarTech Power Solutions

Medical lithium battery pack



Overview

What kind of batteries are available for medical devices?

You are here: Home 1 / Uncategorized 2 / HIMAX – Premium LiFePO4 & Lithium-Ion Batteries for Medical Devic. At HIMAX ELECTRONICS, we are a leading lithium-ion battery manufacturer, specializing in high-performance LiPo batteries, LiFePO4 (lithium iron phosphate) batteries, and custom battery solutions for medical devices.

Why do medical devices need a battery pack?

Devices such as; defibrillators, surgical instruments and portable diagnostic equipment all rely on battery packs made to ISO 13485 standards to guarantee safety and effectiveness. Partner with Alexander Battery Technologies for reliable, custom battery solutions that meet the unique needs of your medical equipment or device.

Why do hospitals use lithium batteries?

Hospitals and clinics are designed as healing environments, with patient and caregiver safety a key aspect of fulfilling that mission. Due to the excellent safety and performance characteristics of lithium battery, it has been significantly used in many medical equipment. 24 hour run time when charged during shift changes/breaks.

What is a lithium ion battery?

Lithium-ion options offer the highest power availability in the smallest footprint to enable more powerful medical devices and extended battery life in smaller footprints. Excell's Li-Ion solutions are safe and highly reliable and include smart battery technology that provides safe production when deployed.

What ion batteries are used in medical equipment?

We custom high reliably lithium ion batteries designed for the medical

industry, such as ECG machine, medical computer carts, defibrillator, MRI scanner and medical analyzers. Max. Continuous Discharge Current.

Why is LiFePO₄ a good battery pack for ECG machine?

ECG machine is convenient for doctor to move indoor and outdoor operation, and providing continuous, efficient and stable lithium battery has become the biggest guarantee for the operation of such medical equipment. The LiFePO₄ battery pack has the characteristics of energy density, light weight, small size, high cycle life, safety.

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Contact Us

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