

What are lithium polymer battery specifications & datasheets?

Lithium polymer battery specifications and datasheets are crucial references for users and designers to ensure proper integration and safe operation of the battery in their applications. Always follow the manufacturer's guidelines and safety recommendations to prevent accidents and maintain the battery's performance and lifespan.

What is a lithium polymer battery?

A lithium polymer battery, or more correctly, lithium-ion polymer battery (abbreviated as LiPo, LIP, Li-poly, lithium-poly, and others), is a rechargeable battery of lithium-ion technology using a polymer electrolyte instead of a liquid electrolyte. Highly conductive semisolid (gel) polymers form this electrolyte.

What is a Li-ion polymer rechargeable battery specification sheet?

Scope This specification sheet describes the basic performances, technical requirements, testing methods, warnings and cautions of the Li-ion polymer rechargeable battery. The specification sheet only applies to the products provided by Honcell Energy. 3. Electrical Parameters:

What is a lithium polymer cell?

Lithium polymer cells follow the history of lithium-ion and lithium-metal cells, which underwent extensive research during the 1980s, reaching a significant milestone with Sony 's first commercial cylindrical lithium-ion cell in 1991.

Are lipol batteries RoHS compliant?

Please follow LiPol Handling and Safety Precautions for Lithium ion Polymer Battery. This battery meets the requirements of Battery Directives, and the battery parts are IEC 62133 & RoHS-Compliant. For more safety precautions and performance standards, please go to

Can You charge a lithium ion polymer battery?

14.1 Charging Always use a charger specifically designed for Lithium ion polymer batteries, but never use other types of chargers to charge Li-po batteries. Failure to do so will damage the batteries and may cause fire and personal injury.

This product specification describes polymer lithium-ion battery. Please use the test methods that recommend in this specification. If you have any opinions or advices about the test items and methods, please contact us. Please read the cautions recommended in the specifications first, take the credibility measure of the cell's using.

PRELIMINARY DATASHEET. SPECS SUBJECT TO CHANGE. 3.7V LITHIUM POLYMER BATTERY DATASHEET RELATIVE CURVES ANNOUNCEMENT ? Be careful of the polarity when connecting and

disconnecting batteries. ? Do not place the battery in a microwave or other heating device. ? When replacing batteries, make sure to use batteries of the same type, size ...

For LIP (Lithium-Ion Polymer) Rechargeable Batteries . 1. Charging -----P10 . 2. Discharging -----P11 ... This document describes the Product Specification of the Lithium-ion Polymer (LIPB) Battery supplied by J & A ELECTRONICS. 2. Model: JA-0545135P . 3. Specification . ...

LiPol can help you determine the weight and other specifications for your custom battery requirements. Contact us today to discuss your needs and explore our range of high-quality battery solutions. ... Lithium ...

SuperiorLithium Polymer Battery KOKAM ENGINEERING CO., LTD TEL. 82-2-577-3902 FAX. 82-2-577-3905 EUNHAE BUILDING 3rdFLOOR, 203-5, POI-DONG, KANGNAM-KU, SEOUL, 135-260 KOREA. ... Specifications. KOKAM PROPRIETARY CONFIDENTIAL Structure & Dimension CELL STRUCTURECELL STRUCTURE Al Lamination Film POSITIVE NEGATIVE

SPECS SUBJECT TO CHANGE. 3.7V LITHIUM POLYMER BATTERY DATASHEET RELATIVE CURVES ANNOUNCEMENT ? Do not leave the battery in a hot vehicle interior. ? NEVER charge a Li-ion or LiPo battery overnight and unattended. ? Intact batteries can be disposed of as Universal Waste. If the battery is greater than 9V, tape the terminals before disposal.

PRELIMINARY DATASHEET. SPECS SUBJECT TO CHANGE. 3.7V LITHIUM POLYMER BATTERY DATASHEET BATTERY SPECIFICATION Part Number DNK 501013 Nominal 3.7Voltage V Nominal Capacity 65 mAh Internal Impedence <60mΩ Charge Voltage 4.2V Recommended Charge Current 0.2 C Allowed Max Charge Current 0.5 C Output Voltage ...

Lithium polymer batteries vary in size and design and can therefore be integrated into almost any housing. ... By default, Li-polymer batteries of today meet specifications for, among others, the following temperature ranges: a. Charging: 0°C to +45°C b. Discharging: -20°C to +60°C

A lithium polymer battery, or LiPo, uses a polymer electrolyte instead of a liquid one. This rechargeable battery is lightweight and has a higher specific. ... Temperature management involves maintaining lithium polymer batteries within design specifications to ensure safety and performance. These batteries can fail if exposed to temperatures ...

Lithium ion batteries vs. lithium polymer batteries: Which is the better choice? There are benefits and drawbacks to both LiPos and Li-ions. It is also worth noting that, due to advancements in technology over the years, the current ...

Li-ion Polymer Battery Pack Specification Sheet File Name: Li-ion Polymer Rechargeable Battery Specification Sheet Manufacturer: Standard: Compliant with RoHS, CE, FCC, UN38.3, REACH IEC62133(TUV-CB), UL1642/2054 & GB31241-2014 Date: 2016-10-24 File Class: Version: 2.0 Honcell

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