

SolarInnovate Energy Solutions

Cylindrical lithium battery 11 volt



Overview

Specifications: Li-Ion Size: 3 x 18650 (cylindrical) Capacity: 3500 mAh
Chemistry: Lithium Ion (Li-Ion) Working Voltage: 11.1v / 10.8v Peak Voltage: 12.6v Cut off voltage: 7.5V Max Charging Current: 2.1 Amp Max Discharging Current: 4.2 Amp Limited by Polyswitch Included Qty: 1 Dimensions and Weight Length: 2.75" (70mm) Width: 2.17" (55mm) Height: 0.8" (18mm) Weight: 5.3 Oz Features: No memory effect Longer storage life than NiMH Batteries Light weight and higher energy density than any rechargeable battery Installed PCB (4 Amp) will prevent the battery pack from over charge (> 12.6V), over discharge (<7.5 V), Overdrain (> 4.0Amp) and Short Circuits. What is a cylindrical lithium battery?

Safely harness pure lithium energy with Panasonic Cylindrical Lithium. A lightweight, high-energy-density battery optimized for stable discharge in high-drain applications such as flash-enabled cameras, Cylindrical Lithium is perfect for continuous or intermittent use over long periods in various devices exposed to wide range of temperatures.

Why is cylinder lithium a good battery?

High Energy Formula contributes to Cylindrical Lithium's long-lasting endurance in mid- and high-drain applications, such as cameras, where the battery's low internal resistance helps to reduce flash-recovery times for rapid burst shooting.

How long can a cylindrical lithium battery last?

Panasonic Cylindrical Lithium can be safely stored without significant loss of capacity for periods up to 10 years* with improved resistance to heat and cold compared to other battery types. Cylindrical Lithium battery technology by Panasonic Energy Co., Ltd. High Energy Formula and PTC Safety System.

What is a Panasonic cylinder lithium battery?

The system includes a thermosensitive PTC that detects temperature rises and increases resistance to prevent short-circuit; a built-in safety valve to

relieve internal pressure; and durable gasket material that's effective at preventing leaks. Panasonic Cylindrical Lithium is UL recognized battery. Reliable in a Wide Range of Temperatures.

How long can a Panasonic cylinder lithium battery last?

Proven battery design, refined materials, special electrolyte solvent, and precise calcination treatment result in a low self-discharge rate during storage. Panasonic Cylindrical Lithium can be safely stored without significant loss of capacity for periods up to 10 years* with improved resistance to heat and cold compared to other battery types.

Why should you choose Panasonic cylinder lithium battery?

Panasonic Cylindrical Lithium improved resistance to heat and cold compared to other battery types. * When in an unused condition and stored at room temperature. Proven battery design, refined materials, special electrolyte solvent, and precise calcination treatment result in a low self-discharge rate during storage.

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Support Customized Product



11.1V 5200mAh cylindrical lithium battery-Dongguan Xuanli ...

Single battery model: 18650 · Single battery voltage: 3.7V · Nominal voltage after the battery pack is assembled: 11.1V · Single battery capacity: 2.6Ah · Battery combination: 3 strings and 2 ...

11.1V cylindrical lithium battery: Product model: XL 11.1V ...

· Nominal voltage after battery pack combination: 11.1V · Battery capacity: 2.6Ah · Battery combination: 3 series and 12 parallel · Combined battery voltage range: 9V~12.6V · Combined ...



11.1V 10000mAh cylindrical lithium battery , 18650 lithium battery

· Nominal voltage after battery pack combination: 11.1V · Battery capacity: 2.5Ah · Battery combination: 3 series and 4 parallel · Battery voltage range after combination: 7.5v-12.6v · ...

11.1V 13400mAh 18650 cylindrical lithium battery

Single battery model: 18650 · Single battery voltage: 3.7V · Nominal voltage after battery pack combination: 11.1V · Battery capacity: 3.35Ah · Battery combination: 3 series and 4 parallel · ...



Everything You Need to Know About Cylindrical Batteries

Apr 24, 2025 · Cylindrical batteries can be categorized based on their filler materials into several types: lithium iron phosphate batteries, lithium cobalt oxide batteries, lithium manganese oxide ...

11.1V 10000mAh cylindrical lithium battery , 18650 lithium battery ...

· Nominal voltage after battery pack combination: 11.1V · Battery capacity: 2.5Ah · Battery combination: 3 series and 4 parallel · Battery voltage range after combination: 7.5v-12.6v · ...

Lithium Solar Generator: \$150



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