
Battery Cell 21700-50e and 50c

What are the specifications of Samsung 50E 21700 battery?

3. Nominal Specifications 3.8 Max. Charge Current 4,900mA (not for cycle life) 3.9 Max. Discharge Current Top Diameter : ? Max.21.25mm Samsung 50E Datasheet Samsung 50E 21700 Battery >100K in stock, fresh date code, fast shipping by sea or air from China. We hold full Datasheet MSDS UN38.3 UL1642 CB IEC62133 test reports.

What is a 21700 battery?

A 21700 battery is a rechargeable lithium-ion cell with a cylindrical shape and standardized dimensions of 21mm in diameter and 70mm in length.

Are 21700 batteries safe?

Unprotected 21700 batteries: Lack built-in safety features and are generally used in battery packs with external battery management systems (BMS). 21700 batteries are widely used in: Electric vehicles, with companies like Tesla and other manufacturers using them in battery packs for improved energy storage and performance.

What is the difference between protected and unprotected 21700 batteries?

Protected 21700 batteries: Feature an internal protection circuit to prevent overcharging, over-discharging, and short circuits, making them slightly longer than 70mm. Unprotected 21700 batteries: Lack built-in safety features and are generally used in battery packs with external battery management systems (BMS). 21700 batteries are widely used in:

Samsung 50E lithium-ion cylindrical 21700 cell offers balanced performance with high energy density and power capabilities, suitable for various applications.

Protected vs. Unprotected Cells Protected 21700 batteries: Feature an internal protection circuit to prevent overcharging, over-discharging, and short circuits, making them slightly longer than ...

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Samsung SDI INR21700-50E Lithium-ion Rechargeable Cell 3.6V 4900mAh This product specification has been prepared to specify the rechargeable lithium-ion cell ('cell') to be ...

The Batemo Cell Model of the lithium-ion battery cell Molicel INR21700-P50B is a high-precision, physical cell model with global ...

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Please note this is a protected cell with a button top and PCB (protection circuit board) and is longer than a standard flat top battery. The PCB ...

Note (*1): Protection function of the battery pack should be set within the specified charge, discharge and temperature range in Cell Specification.

Samsung INR21700-50E Get everything you need for the lithium-ion battery cell Samsung INR21700-50E: Extensive measurement data in the total operation regime, a high ...

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