



Home



**SAMSUNG**  
5000mAh 3.7V

## 10C discharge SDI 5000mAh 3.7V NMC 21700 Cylindrical Rechargeable Lithium Ion Battery

**Item No.:** XH-SDI-NMC50S

SDI Cylindrical 21700 50S, 5000mAh, For Electric Bicycles/Scooters, electric vehicles, Electric Wheelchairs, etc, widely application.

- 1.Manufacturer Automated production,Prodcut consistency.
- 2.Low IR & Low temperature rise.
- 3.Excellent rate performance

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Description Review

## SDI 3.7V 5000mAh Rechargeable NMC Battery Cell

SDI 3.7V 5000mAh NMC battery, popular NMC cylindrical cells for widely application

**Full Life Cycle  
Management**

**Stability**  
Low IR  
Excellent rate performance

**Ultra-Safe**  
Explosion-proof  
No leakage

**Energy Density**

Leave a message

Your name\*:

Your name(Required)

Your E-mail\*:

Your E-mail(Required)

Got a question?\*

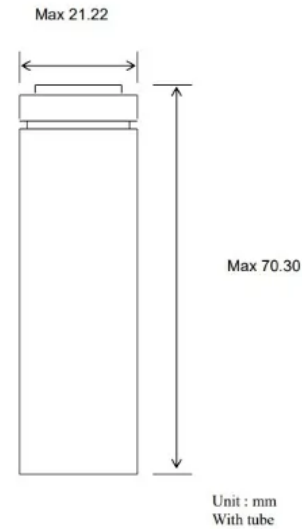
Got a question?(Required)

Send

Intelligent factory design,  
Battery life cycle  
management, High  
consistency of performance

Low temperature rise  
Good environmental  
adaptability

268Wh/kg  
High-energy density



## Product Type

Product Name: **SDI Cylindrical NMC Rechargeable Battery**

Specification: **SDI-NMC21700-50S**

## Technical Parameters

Items	Parameter
Nominal Capacity	5000mAh
Average Voltage	3.7V
Internal Resistance (Ac. 1kHz)	≤13mΩ
Work Voltage	2.5V-4.2V
Recommended SOC Window	10%~90%

<b>Charging Temperature</b>	<b>0~60℃</b>
<b>Discharging Temperature</b>	<b>-20~60℃</b>
<b>25℃ Cycle Life</b>	<b>≥1000 times</b>
<b>Weigh</b>	<b>69g</b>
<b>Dimensions</b>	<b>H70*Φ 21.25mm</b>
<b>Application</b>	Electric Bicycles/Scooters, electric vehicles, Electric Wheelchairs, etc



## Cautions of Battery Operation

1. Please read the instructions carefully and pay attention to the marks on the surface of battery before use.
2. During operation, please keep the cell away from heat source, fire source. Never beat, drop or shock the cell.
3. Do not directly solder the cell or pierce it with a nail or other sharp object.
4. Do not turn over battery. Keep it from strike, throw, tread or bending.
5. Do not make battery short-circuited, in order to avoid from danger incurring or battery damage.
6. Discarded battery should be well disposed. Do not throw it into the fire or water.

## FAQ

### Q1. Do you have any MOQ limit for lithium battery?

A: No MOQ.

### Q2. Are the batteries come with bus bars+bolts?

A: Yes, it comes with. We can Laser weld screw stud or nut stud per your needs. Normally, one battery will come with 1pc busbar and 2pcs bolts.

### Q3. Do you have the used batteries?

A: Sorry, no, our batteries are all brand new.

### Q4. How to proceed an order for lithium ion battery?

A: Firstly let us know your requirements or application.

Secondly We quote according to your requirements or our suggestions.

Thirdly customer confirms the samples and places deposit for formal order.

Fourthly We arrange the production.

### Q5. Can we sign a secrecy agreement if we wanna build a long-term business relationship?

A: Sure, we respect clients requirements, will bring more benefit to you.

### Q6: Which shipping method you usually take?

A: Train/Sea DDP, Express, We can also ship with your own shipping agent.

### Q7: How do I know whether you've shipped my order or not?

A: Tracking No. will be offered as soon as your order be shipped out. Before that, our sales will be there to check the packing status, photo of the order and let you know the detail shipment information.

## Send your message to us

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First Name

Last Name

\* Email

Address

City

State

\* Country

Phone

\* Message

Submit

About Us

About Us

Contact Us

Contact Us

Case

Case Example

Contact Us

*info@xihobattery.com*

*Sign up our newsletter and get more events & promotions!*

E-mail



