



Molicel P42A Lithium Ion Battery Cell 4200mAh 45A 3.7V 21700 Li Ion Battery

Our Product Introduction

for more products please visit us on enookbattery.com

Basic Information

- Brand Name: Molicel
- Certification: UN38,3/CNAS/KC
- Model Number: 21700
- Minimum Order Quantity: 2000
- Payment Terms: T/T, Western Union



Product Specification

- Weight: 65g
- Capacity: 4200mAh
- Size: 21*70mm
- Type: Flat Top
- Warranty: 1years
- Voltage: 3.7v~ 4.2v
- Charging Temperature: 0°C~50°C
- Discharging Temperature: -20°C~75°C
- Highlight: Molicel P42A Lithium Ion Battery Cell, Lithium Ion Battery Cell 4200mAh, 3.7V 21700 Li Ion Battery



More Images



Product Description

Grade A Molicel INR21700 P42A 4200mAh lithium ion battery 45A high discharge rate cell 3.7V 21700 li-ion battery

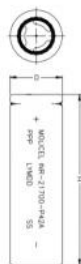
Product Description:

1. Do not overcharge or over-discharge batteries .It will decrease the batteries' service life; -----
2. Do not short circuit, incinerate and disassemble batteries;
3. Do not impact the battery;
4. Do not drop of cause unnecessary shocks to the batteries;
5. Do not carry loose batteries in a pocket or purse with metal objects like coins, paper clips etc;
6. Do not use inferior charger to recharge this battery in case of damaging the battery;
7. Do not put the battery in the charger too long;
8. Put it beyond the reach of children.

| Item of Efan battery | Condition/Note | Specification |
|---|----------------------|---------------|
| 21700 4200mAh battery | Nominal Capacity | 4200mAh |
| | Nominal Voltage | 3.7V |
| Standard charge | constant current | 0.2C |
| | constant voltage | 4.2V |
| | end current(cut off) | 100mA |
| NCR battery fast charge | constant current | 1C |
| | constant voltage | 4.2V |
| | end current(cut off) | 100mA |
| Standard discharge | constant current | 30A |
| | end voltage(cut off) | 2.5V |
| Fast discharge | end voltage(cut off) | 2.5v |
| Maximum discharge Current | pulse current | 45A |
| 3.7V 21700 battery weight | approximate | 65g |
| Operating temperature | charge | 0-45 °C |
| | discharge | -10-65 °C |
| Storage temperature | 1 month | -10-45 °C |
| | 6 months | -10-35 °C |
| | 1 year | -10-30 °C |
| Efan battery dimation (Diameter & Height) | | D21±0.2mm |
| | | H70±0.2mm |

CELL CHARACTERISTICS

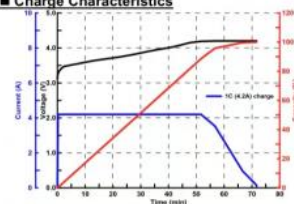
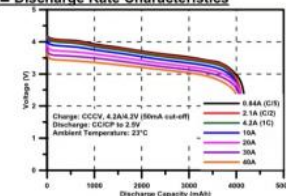
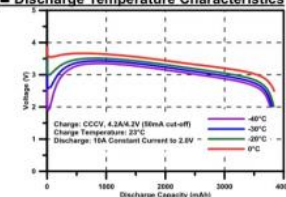
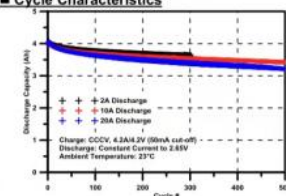
| | | |
|-------------------|-------------|---------------|
| Capacity | Typical | 4200 mAh |
| | | 15.5 Wh |
| | Minimum | 4000 mAh |
| Cell Voltage | | 14.7 Wh |
| | Nominal | 3.6 V |
| | Charge | 4.2 V |
| Charge Current | Standard | 4.2 A |
| | Standard | 1.5 hr |
| Discharge Current | Standard | 45 A |
| | Standard | 45 A |
| Temperature | Charge | 0°C to 60°C |
| | Discharge | -40°C to 60°C |
| Energy Density | Volumetric | 615 Wh/l |
| | Gravimetric | 230 Wh/kg |
| Typical Impedance | AC (1 KHz) | 10 mΩ |
| | DC (10A/1s) | 16 mΩ |

PHYSICAL CHARACTERISTICS


| | |
|----------|----------------|
| Shape | Cylindrical |
| Can | Steel |
| Diameter | 21.7 mm (Max) |
| Height | 70.2 mm (Max) |
| Weight | 67 g (Typical) |

The information contained herein is for reference only and does not imply a performance guarantee or a product warranty. Specifications and characteristics are subject to change without prior notice.

For application specific information, please contact E-One Moli Energy Sales and Applications or the nearest MOLICEL® recognized agent.

Charge Characteristics

Discharge Rate Characteristics

Discharge Temperature Characteristics

Cycle Characteristics

Advantages:

- 1, High capacity
- 2, Excellent safety performance
- 3, Excellent storage performance and low self-discharge rate

- 4, Safe Performance
- 5, short circuit test passed
- 6, 150°C thermal shock test passed
- 7, 1.2m drop test passes
- 8, Cycle life: 500 times
- 9, Charging temperature: 0 to 45 degree Celsius
- 10, Discharging temperature: -20 to 60 degree Celsius
- 11, Storage temperature: -20 to 45 degree Celsius
- 12, PCB/PCM and battery pack available
- 13, Other sizes and capacities can be supplied

Support and Services:

18650 Battery Technical Support and Service

We offer comprehensive technical support and service for our 18650 Batteries. Our team of knowledgeable professionals are available to answer your questions and provide you with the technical information you need. From installation and troubleshooting to product performance and maintenance, we are here to help.

Company Introduction

Company Introduction

ShenZhen Enook Technology Co., Ltd company is professional manufacturer and supplier of lithium energy solutions, E-bike battery pack, which focus on manufacturing and designing of lithium cells and battery packs



Quality first is our principle, Satisfying all our customers is our tenet, win-win business is our aim. Dedicated to strict quality control and thoughtful customer service, our experienced staff members are always available to discuss each detailed requirements from customer and ensure full customer satisfaction.



In addition, we have obtained certificates. MSDS UN38.3
MSDS DGHS III cat. All our products keep selling well not only

MSDS,ROHS,UL.ECT. All our products keep selling well not only around China, but also in USA, Philippines, Germany, England, Australia, Russia, France and other European and Asia countries



Fast delivery is one of our advantage,selecting a current products from catalogue,or customized products,3~5days is the normal time to prepare for the goods,OEM & ODM orders can be acceptable.

Quality is our life, price is our core competence, please don't hesitate to contact us if you have any requirement, we'll provide our best service to you.

Has passed CE certification and ROHS certification, excellent quality the company has obtained a number of patented technologies.

CERTIFICATES

**OUR CERTIFICATES GIVE YOU RELIABLE
SUPPORT FOR YOUR ORDERS**



Packing and Shipping:

Packaging and Shipping

18650 batteries must be packaged with extreme care. Each battery must be individually wrapped in an insulated material designed to prevent shorts. The entire package must be placed in a static-resistant bag or box before being shipped. Batteries must never be shipped in bulk or loose without proper packaging.

Batteries should always be shipped via a tracked courier such as FedEx or UPS. The courier should be notified of the battery shipment and the package must be labeled as containing hazardous materials. The package should also be marked with the proper shipping class, such as Class 8, for lithium batteries.

PACKAGING

PACKAGING



Shipping by



Professional suggestion to choose the best shipping delivery (Such as EMS DHL TNT UPS and FEDEX) for your commodities according to your demand.

FAQ:

Q1: When are you available?

A1: 24 hours online every day

Q3: How is the quality of the products?

A3: 1.Always provide the premium authentic products,never fake

2.Only provide A Grade cells

Q4: Do you provide the OEM&ODM service?

A4: Yes,of course.We will try our best to meet our customers' requestment

Q5: What's the lead time?

A5: 1.Sample orders: 1-3 working days

2.Bulk orders: 3-7

working days according to different quantities

3.OEM: 7-12 working days on receipt of sample confirmation

Q6: What's the shipping?

A6: 1.We will choose the most safest and the most economical shipping way for you

2.Always 3-7 days from China to the destination country.Please note that some remote area may 1-3 days delay

Q7: What's the payment?

A7: T/T ,Western Union & Paypal

Q8: What's the warranty of the products?

A8: 1.12 Months warranty

2.Once any problem,please send us HD videos and pictures to show the problem you met,if it's our problem,we will send you new products or full refund except artificial damage



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