



# Lithium Ion Battery

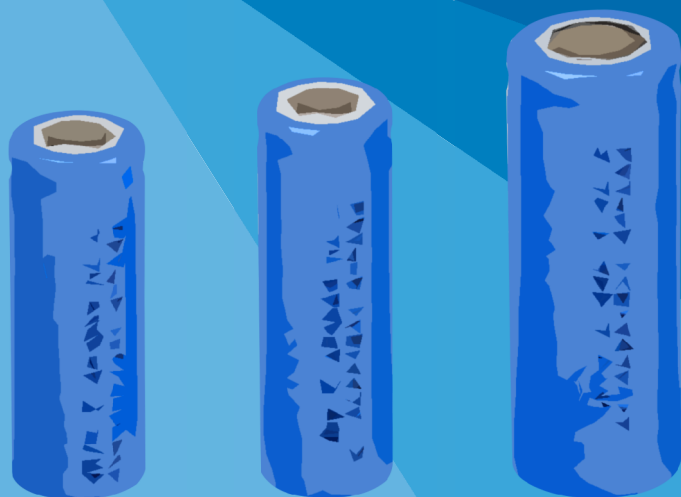
## Li-ion



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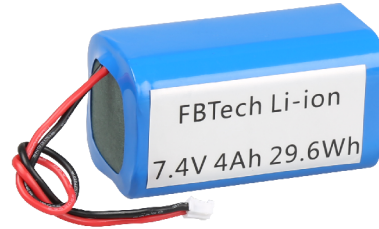


Electric Power Tools  
Scooter Vehicles  
Medical  
Telecom  
Robotic  
Torch  
Toys

**FBTech**



# Rechargeable Lithium Ion Battery Li-ion



## Features

- Lithium-Nickel-Cobalt-Manganese(NCM) Chemistry
- Certified high quality meets international safety standard such as EN62133 and UL.
- High energy density
- High drain discharging or special discharging requirements are also available.

## Characteristics

- Typical cell : 14500, 18650, 26650
- Voltage : 3.7V
- Capacity : 700mAh ~ 5Ah
- Output : 2.5Wh ~ 18.5Wh

## Ready for Battery Pack Assembly

- Cell Models Variety Available
- Multiple cells assembled with Protection Circuit Board (PCB), Wire & Connector Available
- Battery Modules or Units Available for Variety Applications

## Replacement

- Plug & play replacement in Battery Pack Level for maintenance

## Applications

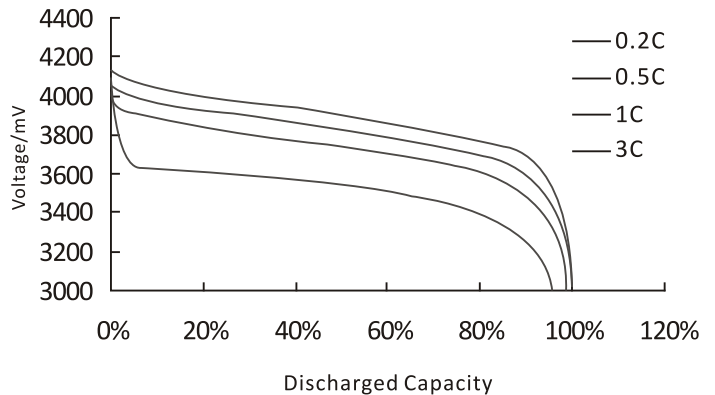
The battery is applicable for industrial, consumer purposes.

Multiple cells are connected for different high power applications such as,

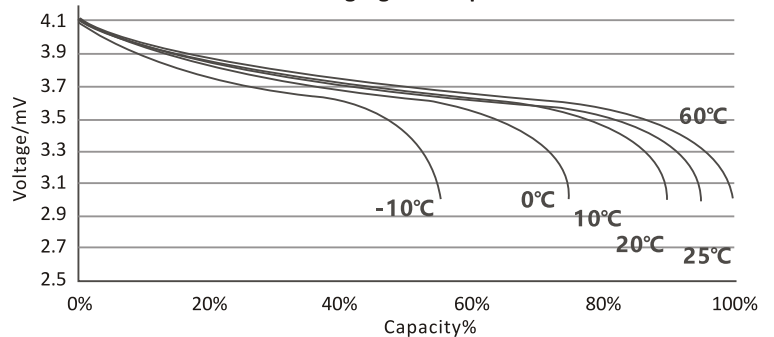
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### Discharging Rate vs.Capacity



### Discharging vs.Temperature





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## Model List

# Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Energy (Wh)	Rated Charge Current (mA)	Rated Discharge Current (mA)	Max Discharge Current (mA)	Charging Voltage (V)	Discharging Cut-off Voltage (V)	Internal Resistance (mΩ)	Max Diameter (mm)	Max Height (mm)	Approx. Weight (g)
ICR14400	3.7	600	2.2	120	120	600	4.2	2.75	80	14.25	39.5	15.5
ICR14430	3.7	650	2.4	130	130	650	4.2	2.75	80	14.3	43	14.0
ICR14430	3.7	700	2.5	140	140	700	4.2	2.75	80	14.3	43	16.8
ICR14500	3.7	700	2.5	140	140	700	4.2	2.75	80	14.3	49	16.0
ICR14500	3.7	850	3.1	170	170	850	4.2	2.75	80	14.3	49	18.0
ICR18490	3.7	1300	4.8	260	260	1300	4.2	2.75	80	18.25	49	31.0
ICR18490	3.7	1600	5.9	320	320	1600	4.2	2.75	80	18.5	49	33.0
ICR18490	3.7	1900	7.0	380	380	1900	4.2	2.75	70	18.5	49	36.0
ICR18650	3.7	2000	7.4	400	400	2000	4.2	2.75	60	18.25	65	45.0
ICR18650	3.7	2200	8.1	440	440	2200	4.2	2.75	60	18.25	65	47.0
ICR18650	3.7	2600	9.6	520	520	2600	4.2	2.75	60	18.25	65	51.0
ICR26650	3.7	5000	18.5	1000	1000	5000	4.2	2.75	60	26.25	66.5	94.0

The information contained in this document is subject to change without prior notice and for reference only.  
It should not be used as a basis for product guarantee or warranty.  
# Please consult us for more models beyond this list.





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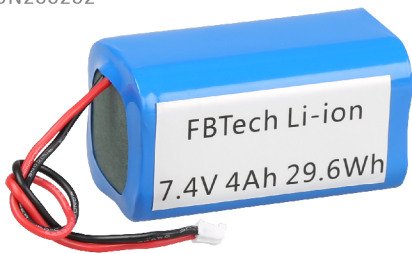
## Model List

# Model	Nominal Voltage (V)	Nominal Capacity (Ah)	Energy (Wh)	Rated Charge Current (A)	Rated Discharge Current (A)	Max Discharge Current (A)	Charging Voltage (V)	Discharging Cut-off Voltage (V)	Dimension LxWxH (mm)	Approx. Weight (g)
ICR18650N200202	7.4	4	29.6	0.8	0.8	4	7.4	5.5	67x37x37	210
ICR18650N220203	7.4	6.6	48.8	1.32	1.32	6.6	7.4	5.5	67x37x57	218
ICR18650N220304	11.1	8.8	97.7	1.76	1.76	8.8	11.1	8.25	71x56x67	594
ICR18650N200401	14.8	2	29.6	0.4	0.4	2	14.8	8.25	78x68x20	210
ICR18650N220402	14.8	4.4	65.1	0.88	0.88	4.4	14.8	8.25	75x38x67	406
ICR18650N220403	14.8	6.6	97.7	1.32	1.32	6.6	14.8	8.25	71x56x67	594

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# Customization for different Nominal Voltage & Capacity is available. Please consult us for more models beyond this list

ICR18650N200202



ICR18650N220203



ICR18650N220304



ICR18650N200401



ICR18650N220402



ICR18650N220403

