

# Li Ion Battery

Lithium-ion battery or Li-ion battery here refers to the lithium cobalt oxide(LiCoO<sub>2</sub>) based technology rechargeable battery, in which lithium ions move from the negative electrode to the positive electrode during discharge and back when charging, They are one of the most popular types of rechargeable batteries for portable electronics, with a high energy density, tiny memory effect, and low self-discharge less than 2.0% month.

Specifications	
Nominal Cell Voltage	3.7V
Voltage Limits	2.75-4.2V
Specifications	100-265W.h/kg
Energy density	>250-693W.h/L
Time durable	>5 years
Cycle durable	>700 cycles at 80% DOD
Work temperature range	-20 ~60°C
Self discharge rate	<20%/Month
Typical application	Portable electronics, solar application, EV

Model	Nominal Voltage(V)	Nominal Capacity(mAh)	Diameter (mm)	Height (mm)	Weight (g)
ICR10440	3.7V	350	10.2	44.5	10
ICR14250	3.7V	350	14.2	25.5	10
ICR14650	3.7V	1100	14.2	65.5	25
ICR14500	3.7V	800	14.2	50.5	22
ICR16430	3.7V	600	16.2	43.5	17
ICR17335	3.7V	600	17.2	33.7	17
ICR18500	3.7V	1500	18.2	50.5	22
ICR18650	3.7V	2200	18.2	65.5	43
	3.7V	2400	18.2	65.5	44

ICR18650	3.7V	2500	18.2	65.5	44
	3.7V	2600	18.2	65.5	45
	3.7V	2800	18.2	65.5	47
ICR26650	3.7V	5000	26.5	65.5	95