



DATASHEET

MODEL : IFR16340 -400mAh



1 Technical parameters

Item	General Parameter		Remark
Rated Capacity	Typical	400mAh	Standard discharge (0.2C ₅ A) after standard charge
	Minimum	390mAh	
Nominal Voltage	3.2V		Mean Operation Voltage
Voltage at end of Discharge	2.0V		Discharge Cut-off Voltage
Charging at end of Voltage	3.65V		
Internal Impedance	120mΩ		Internal resistance measured at AC 1KHz after 50% charge. The measure must uses the new batteries that within one week after shipment and cycles no more that 5 times.
Standard charge	Constant Current 0.5C ₅ A Constant Voltage 3.65V 0.01C ₅ A cut-off		Charge time: Approx 4.0h
Standard discharge	Constant Current 0.5C ₅ A end Voltage 2.0V		
Fast charge	Constant Current 1C ₅ A Constant Voltage 3.65V 0.01C ₅ A cut-off		Charge time: Approx 2.5h
Fast discharge	Constant Current 1C ₅ A end Voltage 2.0V		
Maximum Continuous Charge Current	1C ₅ A		

Maximum Continuous Discharge Current	3C ₅ A	
Operation Temperature Range	Charge: 0~45℃	60±25%R.H. Bare Cell
	Discharge: -10~60℃	
Storage Temperature Range	Less than 1 year: -20~25℃	60±25%R.H. at the shipment state
	Less then 3 months: -20~40℃	
Weight	Approx: 14.2g	FYI
Pack Dimension	Height: (h): 34.8mm	Initial Dimension
	Width: (d): 16.2mm	

2 Dimensions (Unit: mm)

D=16.2mm

H=34.8mm

