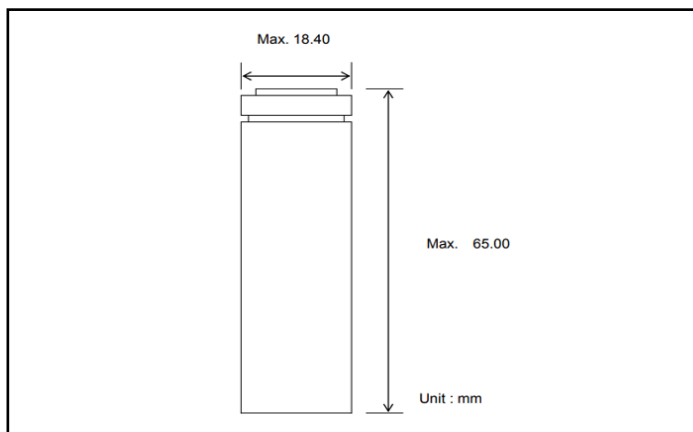


IFR18650

Physical Dimensions



Electrical Characteristics	Nominal Voltage	3.2V
	Typical Capacity	1.5Ah
	Energy	4.8Wh
	Internal Resistance	≤60mΩ
	Cycle Life	>2000 cycles at 0.2C 80% DOD
	Months Self Discharge	<3%
Charge	Charge Voltage	3.65V+/-0.03V
	Charge Mode	CC at 0.2C to 3.65V, stop current = 0.02C
	Charge Current	0.3A
	Max. Charge Current	0.75A
	Charge cut-off voltage	3.65V+/-0.3V
Discharge	Max. Continuous Current	4.5A
	Discharge cut-off Voltage	2V
Environment	Charge Temperature	0°C to 45°C at 60±25% Relative Humidity
	Discharge Temperature	-20°C to 60°C at 60±25% Relative Humidity
	Storage Temperature	-20°C to 25°C 60±25% Relative Humidity
Mechanical	Cell Material	LiFePO4
	Dimensions (mm)	D=18.4mm H = 65mm
	Weight (Kg)	42g

Performance Characteristics

