



Orange IFR18500-1000mAh LiFePO4 Battery



Model: IFR18500
Capacity: 1000mAh
Voltage: 3.2V

Product Specification:

Table 1

No.	Item	General Parameter		Remark
1	Rated Capacity	Typical	1000m Ah	Standard discharge (0.2C) after standard charge
		Minimum	980mA h	
2	Nominal Voltage	3.2V		Mean Operation Voltage
3	Voltage at end of Discharge	2.0V		Discharge Cut-off Voltage
4	Charging at end of Voltage	3.65 V		
5	Standard charge	Constant Current 0.2C Constant Voltage 3.65V 0.02C cut-off		Charge time : Approx 6.0h
6	Standard discharge	Constant Current 0.2C end Voltage 2.0V		

Continuous the table 1

No.	Item	General Parameter	Remark
7	Fast charge	Constant Current 1C Constant Voltage 3.65V 0.02C cut-off)	Charge time : Approx 2.5h
8	Fast discharge	Constant Current 1C end Voltage 2.0V	
9	Maximum Continuous Charge Current	1C ₅ A	
10	Maximum Continuous Discharge Current	3C ₅ A	
11	Operation Temperature Range	Charge: 0~45°C	60±25%R.H. Bare Cell
		Discharge: -10~60°C	
12	Storage Temperature Range	Less than 1 year : -20~25°C	
		Less than 3 months : -20~40°C	
13	Weight	31g	
14	Pack Dimension	Height (h) : 50 mm	
		Width (d) : 18 mm	

Dimensional Drawing:

