power-xtra

LiFePO4

Model: IFR18500 - 3.2V 1000 mAh
Stock Code: 900.600.503.382

Item	Specifications	Conditions
Nominal Capacity	1000 mAh	0.2C
Min. Capacity	980 mAh	0.2C
Nominal Voltage	3.2V	
Impedance	≤40mΩ	Max at 1000 Hz
Weight	29g	
Shipping Voltage	3.15-3.25V	
Upper Limit Charge Voltage	3.65+ 0.03V	
Upper Limit Charge Current	0.01C	
Standard Charge Current	0.2C	0°C - 45°C
Rapid Charge Current	0.5C	10°C - 45°C
Max Charge Current	1C	10°C - 45°C
Discharge Cut-off Voltage	2.0V	
Standard Discharge Current	0.2C	-20°C - 60°C
Rapid Discharge Current	0.5C	0°C - 60°C
Max Discharge Current	3C	
Max. Pulse Current	5C	10 ms
Charging Temperature	0°C - 45°C	80°C Refer to standard charge and discharge current, and the battery surface temperature <80°C
Discharging Temperature	-20°C - 60°C	
Storage Temperature	1 month: 0°C - 35°C	
	3 months: 0°C - 30°C	
	1 year: 0°C - 25°C	
	More than 1 year: 23°C - 28°C	
Cycle Life	**2000 Times** ≥80% Initial capacity	At 25-27°C , Cycle the battery 2000 times in accordance with the 0.5C charge and discharge system, and calculate the ratio of the battery's residual capacity to the initial capacity.