

3.2V

600mAh

LiFePO₄

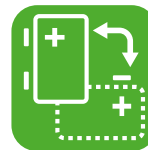
1.92Wh

IFR14500EC

Rechargeable Lithium Iron Phosphate Battery

SPECIFICATIONS

Nominal Voltage	3.2V
Charge Voltage	3.65V (limited)
Nominal Capacity	600mAh
Watt-hour	1.92Wh
Cycle Life (Capacity ≥80%)	2000 cycles
Charge Current	
Standard Charge	120mA (0.2C)
Maximum Continuous Charge	
Temp range: +10~+55°C	600mA (1.0C)
Temp range: 0~+10°C	≤120mA (0.2C)
Standard Charge (CC-CV)	
Constant Current	120mA (0.2C)
Constant Voltage	3.65V
Cut-off Current (End)	6mA (0.01C)
Standard Discharge	
Constant Current	120mA (0.2C)
Cut-off Voltage (End)	2.0V
Maximum Discharge	1800mA (3C) max. cont.
Internal Resistance (at 1±0.1KHz)	≤60mΩ
Operating Temperature	
Charge	0°C ~ +60°C
Discharge	-20°C ~ +60°C
Storage (1 month)	-20°C ~ +45°C
Storage (3 months)	-20°C ~ +35°C
Storage (6 months)	-20°C ~ +25°C
Operating Humidity Range	45% – 85%
Dimensions	
Diameter (D)	14.15 ± 0.2mm
Height (H)	50.0 ± 0.5mm
Cap Diameter (d)	6.0 ± 0.3mm
Weight	18g
Protected Cell	YES



Any orientation - Drypower Rechargeable Lithium batteries with cylindrical LiFePO₄ cells inside can be used and mounted in any orientation, offering ultimate flexibility in a wide variety of applications.

DIMENSIONS

