

3.2V

600mAh

LiFePO<sub>4</sub>

1.92Wh

## IFR14500EC

Rechargeable Lithium Iron Phosphate Battery

### SPECIFICATIONS

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



### DIMENSIONS

