

3.2V

1.5Ah

LiFePO<sub>4</sub>

4.8Wh

## HTCFR18650EC

Rechargeable Lithium Iron Phosphate Battery

### SPECIFICATIONS

<b>Nominal Voltage</b>	3.2V
<b>Nominal Capacity</b>	1500mAh
<b>Watt-hour</b>	4.8Wh
<b>Cycle Life</b> (Capacity ≥80%)	2000 cycles (100% DoD) 4000 cycles (80% DoD) 7000 cycles (50% DoD)
<b>Charge Conditions</b>	
Cut-off Voltage	3.65 ± 0.05V
Cut-off Current	15mA (0.01C)
<b>Charge Current</b>	1.5A max.
<b>Discharge Cut-off Voltage</b>	2.5V
<b>Maximum Discharge Current</b>	4.5A max. cont.
<b>Pulse Discharge Current</b>	10A, 10s
<b>Alternating Internal Resistance</b>	≤45mΩ
<b>Operating Temperature</b>	
Charge	0°C ~ +55°C
Discharge	-20°C ~ +60°C
Storage (<3 months)	-20°C ~ +45°C
<b>Operating Humidity Range</b>	45% – 85%
<b>Dimensions</b>	
Diameter (D)	18.15 ± 0.1mm
Height (H)	65.2 ± 0.3mm
Cap Diameter (d)	8.85 ± 0.15mm
<b>Weight</b>	42g



### DIMENSIONS

