Drypower

LITHIUM IRON PHOSPHATE LIFEPO4 RANGE

RECHARGEABLE LITHIUM



1.5Ah

LiFePO₄

4.8Wh

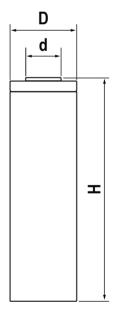
HTCFR18650EC

Rechargeable Lithium Iron Phosphate Battery

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



DIMENSIONS



Performance may vary depending on application. All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us • Oct2020