



Drypower

3.2V

1.5Ah

LiFePO₄

4.8Wh

IFR18650EC

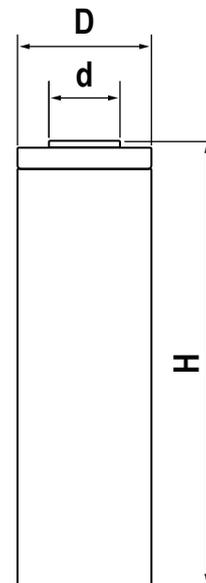
Rechargeable Lithium Iron Phosphate Battery

SPECIFICATIONS

| | |
|----------------------------|------------------------|
| Nominal Voltage | 3.2V |
| Nominal Capacity | 1500mAh |
| Watt-hour | 4.8Wh |
| Cycle Life (Capacity ≥80%) | ≥2000 cycles (50% DoD) |
| Charge Current | |
| Standard | 300mA (0.2C) |
| Max | 3000A (2C) |
| Charge Cut-off Voltage | 3.65V |
| Discharge Cut-off Voltage | 2.0V |
| Maximum Discharge Current | 5000mA max. cont. |
| Internal Resistance | ≤38mΩ |
| Operating Temperature | |
| Charge | 0°C ~ +45°C |
| Discharge | -20°C ~ +60°C |
| Storage (<3 months) | -10°C ~ +35°C |
| Storage (>3 months) | 23 ± 5°C recommended |
| Operating Humidity Range | 45% – 85% |
| Dimensions | |
| Diameter (D) | 18.3 ± 0.2mm |
| Height (H) | 65.5 ± 0.3mm |
| 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