

**Lithium Ionen Battery (NMC)
HDCNR 18650-3000-3,6V
Art. Nr.: 5001151**

General Information

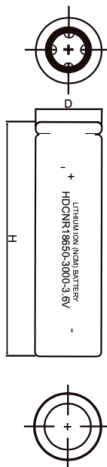
i-tecc Lithium Ionen Zellen (NMC) vereinen eine hohe Energie- und Leistungsdichte, bei hoher Sicherheit und langer Lebensdauer.

Die HDCNR 18650-3000mAh Zellen sind optimiert auf eine hohe Leistung, bei einer gleichzeitig hohen Energiedichte.

Typische Anwendungen sind E-bikes, Golfwagen, Beleuchtung, E-Werkzeuge, USV und sonstige Speichersysteme.



Dimension



Diameter	18.2±0.2mm (Max.)
Height	65.2±0.2mm (Max.)
Weight	46g (Max.)

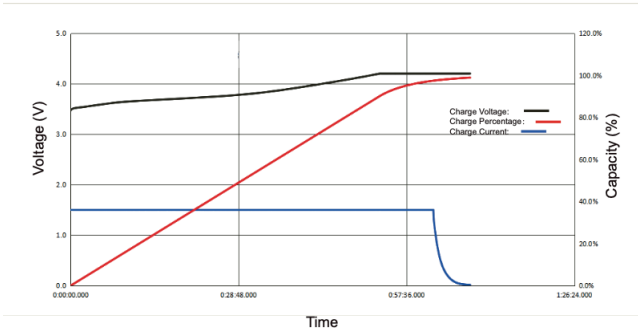
Item	Specification
Normal Capacity	3000mAh@0.5C
Normal Voltage	3.6V
Charge Voltage	4.2 ± 0.05 V
Max. Charge Current	3000mA
Discharge Cut-off Voltage	2.75V
Standard Discharge Current	3000mA
Max. Continuous Discharge current	9000mA
Pulse Discharge Current	15000mA
Internal Resistance	≤30mΩ
Cycle Life	>500 Cycles @100% DOD >800 Cycles @80% DOD >1500 Cycles @50% DOD
Operating Temperature	Charge: 0°C~45°C Discharge: -20°C~60°C
Storage Temperature	-20°C ~ 45°C Short-Term Storage (<3 Months)
Weight	Max. 46.0g

Certificate

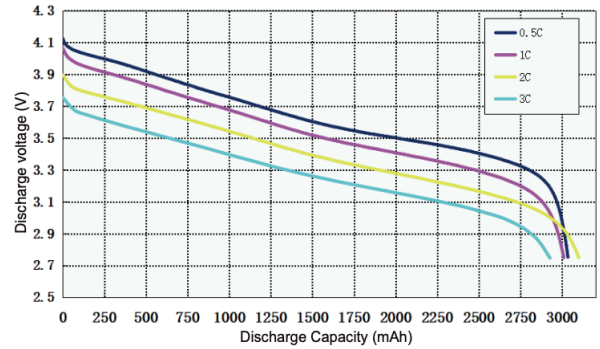


Performance Characteristics

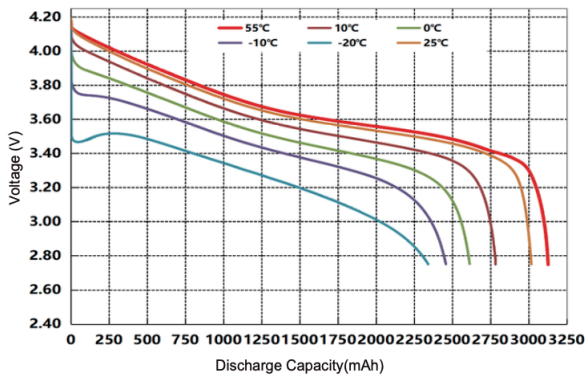
Charge Characteristics Curve



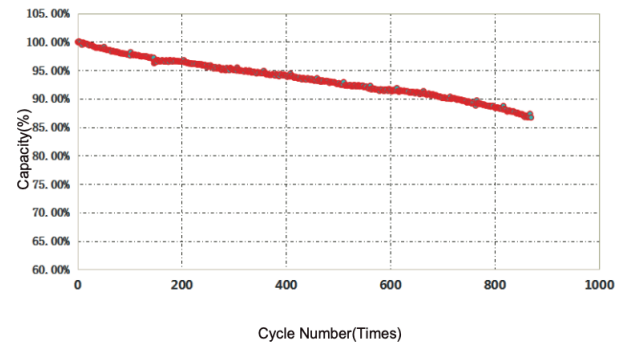
Discharge Curves at Different Rate



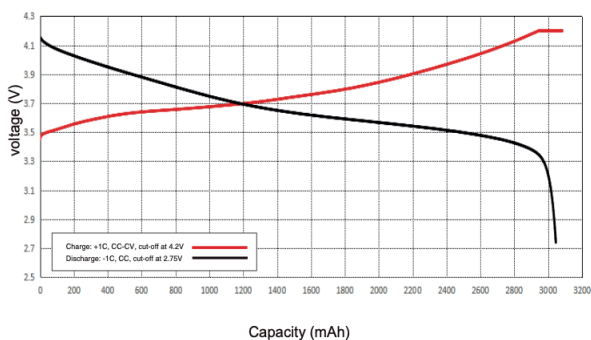
Discharge Curves at Different Temperatures



Cycle Curve



Charge & Discharge Curve



Self Discharge Curve

