

Datasheet of the LiNiMnCoO₂ battery 3.6V 14.4Ah

Nominal Characteristics

Nominal Voltage	3.6V
Nominal Capacity	14.4Ah
Nominal Energy	51.84Wh
Cell Chemistry	NMC
Cell type	21700 Cylindrical cell
Cell Combination method	1S 3P
Internal Resistance	≤11.7 mΩ
Cycle Life(@25°C, 0.5C discharge,80%DOD)	≥800 Cycles

Charging Specifications

Charge Voltage	4.2V
Recommended Charging Current	2880 mA
Max Charging Current	3000 mA

Discharging Specifications

Discharge Cut-off Voltage	2.5V
Discharging Continuous Current	2880 mA
Max Discharging Continuous Current	3000 mA

Operating Conditions

Charge Temperature	0°C to 45°C
Discharge Temperature	-20°C to 60°C

Mechanical Characteristics

Weight	< 190 g
Dimension (L x W x H)	65 x 70 x 21
Terminal Type	Connector A2506