

Model		2999130NC	5099130L	5099130N	7799130L	7799130N	7799130P
Positive Material		LiCo <sub>x</sub> Ni <sub>y</sub> Mn <sub>z</sub> O	LiMn <sub>2</sub> O <sub>4</sub>	LiCo <sub>x</sub> Ni <sub>y</sub> Mn <sub>z</sub> O	LiMn <sub>2</sub> O <sub>4</sub>	LiCo <sub>x</sub> Ni <sub>y</sub> Mn <sub>z</sub> O	LiFePO <sub>4</sub>
Voltage	Average	3.7 V	3.8 V	3.7 V	3.8 V	3.7 V	3.2 V
	Max.	4.2 V	4.2 V	4.2 V	4.2 V	4.2 V	3.65 V
	Min.	2.8 V	2.8 V	2.8 V	2.8 V	2.8 V	2.5 V
Typical Capacity		3.5 Ah	5.2 Ah	6.3 Ah	8.2 Ah	10.3 Ah	7.5 Ah
Cycle Life		500	1,800	1,000	1,800	1,000	3,000
Weight		< 77 g	< 137 g	< 136 g	< 200 g	< 218 g	< 195 g
Initial Internal Resistance		< 10 mΩ	< 6 mΩ	< 10 mΩ	< 4 mΩ	< 4 mΩ	< 4 mΩ
Energy		13.5 Wh	20.3 Wh	24.2 Wh	31.4 Wh	39.4 Wh	26.4 Wh
Energy Density	by Weight	175 Wh/Kg	148 Wh/Kg	178 Wh/Kg	157 Wh/Kg	181 Wh/kg	135 Wh/Kg
	by Volume	362 Wh/L	304 Wh/L	377 Wh/L	316 Wh/L	388 Wh/L	266 Wh/L
Max. Charge C-rate		2C	3C	1C	3C	1C	2C
Max. Continuous Discharge C-rate		1C	5C	3C	5C	3C	5C
Transient Discharge Peak C-rate		3C	8C	8C	8C	8C	8C
Dimension	Thickness	2.90~3.1 mm	5.1~5.36 mm	5.1~5.36 mm	7.70~8.05 mm	8.00~8.40mm	7.70~8.08 mm
	Width	100.0 mm	98.0 mm	98.0 mm	98.0 mm	98.0 mm	98.0 mm
	Length	130.0 mm	130.0 mm	130.0 mm	130.0 mm	130.0 mm	130.0 mm
Operating Temperature	Charging	0~45°C	0~45°C	0~45°C	0~45°C	0~45°C	0~45°C
	Discharging	-20~55°C	-20~55°C	-20~55°C	-20~55°C	-20~55°C	-10~60°C
Storage Temperature		-20~40°C	-20~40°C	-20~40°C	-20~40°C	-20~40°C	-20~40°C
Humidity Range		< RH 45~85%	< RH 45~85%	< RH 45~85%	< RH 45~85%	< RH 45~85%	< RH 45~85%

\* All specifications are subject to change without notice.