

Cathode Materials

Type	LCO (LiCoO ₂)
Advantage	Excellent Performance at High & Low Temp. ▪ High Voltage-4.45V
Application	3C ▪ Drone

Type	LMO (LiMn ₂ O ₄)
Advantage	Excellent Performance at High Temp. (Mild Precipitation of Manganese)
Application	Small Power Tool ▪ 3C

Type	LFP (LiFePO ₄)
Advantage	High Safety ▪ Long Cycle Life ▪ High Rate
Application	EV-Bus ▪ EV-Truck ▪ ESS

Type	NCM (LiNiMnCoO ₂) 523, 622, 811
Advantage	High Energy Density ▪ High Rate ▪ Long Cycle Life
Application	EV ▪ Power Tool ▪ ESS

Type	NCA (LiNiCoAlO ₂)
Advantage	High Press Density ▪ Mild Gas Evolution ▪ High Energy Density
Application	EV ▪ Power Tool ▪ ESS