

Lithium-Based Electrode Materials

Product Name	Abbrev.	Purity	Particle size	Volt. (V) [1]	Act. capacity (mAh/g) [2]	Package size, Product number
Lithium Cobalt(III) Oxide	LCO	>99.5%	≤23 μm	3.7	148	25g / 100g [L0384]
Lithium Nickel Oxide	LNO	>99.9%	≤23 μm	3.7	160	25g [L0394]
Lithium Manganese(III,IV) Oxide	LMO	>99.5%	≤48 μm	3.7	120	25g / 100g [L0389]
Lithium Nickel Manganese Cobalt Oxide (LiNi _{0.33} Mn _{0.33} Co _{0.33} O ₂)	NMC 333	>99.9%	≤48 μm	3.7	160	25g / 100g [L0388]
Lithium Nickel Manganese Cobalt Oxide (LiNi _{0.8} Mn _{0.1} Co _{0.1} O ₂)	NMC 811	>99.9%	≤48 μm	3.7	200	25g / 100g [L0396]
Lithium Nickel Manganese Cobalt Oxide (LiNi _{0.6} Mn _{0.2} Co _{0.2} O ₂)	NMC 622	>99.9%	≤48 μm	3.7	170	25g / 100g [L0397]
Lithium Nickel Manganese Cobalt Oxide (LiNi _{0.4} Mn _{0.4} Co _{0.2} O ₂)	NMC 442	>99.9%	≤48 μm	3.7	-	25g / 100g [L0400]
Lithium Nickel Cobalt Aluminium Oxide (LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂)	NCA	>99.9%	≤45 μm	3.7	199	25g / 100g [L0392]
Lithium Nickel Cobalt Oxide (LiNi _{0.8} Co _{0.2} O ₂)	LNCO	>99.9%	≤48 μm	4	184	5g / 25g [L0415]
Lithium Iron(II) Phosphate	LFP	>99.5%	≤23 μm	3.2	160	25g / 100g [L0386]
Lithium Manganese(II) Phosphate	LMP	>99.9%	≤45 μm	4.1	168	5g / 25g [L0390]
Lithium Cobalt(II) Phosphate	LCP	>99.9%	≤120 μm	4.8	135	5g / 25g [L0407]
Lithium Nickel(II) Phosphate	LNP	>99.9%	≤10 μm	5.1	160	5g / 25g円 [L0402]
Lithium Manganese Nickel Oxide (LiMn _{1.5} Ni _{0.5} O ₄)	LMNO	>99.9%	≤48 μm	4.65	135	25g / 100g [L0391]
Lithium Vanadium Phosphate (Li ₃ V ₂ (PO ₄) ₃)	LVP	>99.9%	≤48 μm	4	197	5g / 25g [L0417]
Lithium Titanate (Spinel)	LTO	>99.9%	≤15 μm	1.55	175 (Theoretical Capacity)	25g / 100g [L0380]

[1] Average voltage as a reference value vs Li+/Li, not an ensured value

[2] Average actual capacity as a reference value, not an ensured value

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