



PRODUCT CATALOG

Precision **Power** Solutions

Produsen material sel baterai, sel lithium, dan custom battery pack di Cimahi, Jawa Barat — satu mitra dari material inti hingga battery pack siap pakai.

From The Core, Powering Beyond.

Katoda

Material Katoda

Bubuk katoda berkualitas analitik, tersedia dari gram hingga kilogram untuk kebutuhan riset dan produksi.

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|----|--|
| 01 | Lithium Cobalt Oxide (LCO) |
| 02 | Lithium Manganese Oxide (LMO) |
| 03 | Lithium Iron Phosphate (LFP) |
| 04 | LFP Single Crystal |
| 05 | Lithium Manganese Iron Phosphate (LMFP) |
| 06 | NCM IIII |
| 07 | NCM Manganese-Rich — Tipe 1 |
| 08 | NCM 523 |
| 09 | NCM 622 |
| 10 | NCM 613 Single Crystal |
| 11 | NCM 811 |
| 12 | NCM 811 Single Crystal |
| 13 | NCM 811 Coating LiNbO3 |
| 14 | NCM 811 Coating Alumina |
| 15 | NCM 955 |
| 16 | NCM 955 Single Crystal |
| 17 | Nickel Cobalt Aluminum Oxide (NCA) |
| 18 | Lithium Nickel Manganese Oxide (LNMO) |
| 19 | Sulfur-Carbon Composite — Katoda Li-S |
| 20 | Lithium-Rich Ferrite Oxide — Aditif Katoda |
| 21 | Lithium-Rich Nickel Oxide — Aditif Katoda |
| 22 | Prussian White — Katoda Sodium-Ion |
| 23 | Prussian Blue — Katoda Sodium-Ion |
| 24 | Sodium Iron Phosphate (NFPP) — Sodium-Ion |
| 25 | Sodium Nickel Manganese Oxide — Sodium-Ion |
| 26 | Sodium Vanadium Phosphate (NVP) — Sodium/Zinc-Ion |
| 27 | Sodium Vanadium Fluorophosphate (NVPF) — Sodium/Zinc-Ion |
| 28 | Layered Oxide Sodium Nickel Iron Manganese — Sodium-Ion |
| 29 | Manganese Dioxide — Katoda Zinc-Ion |
| 30 | Lanthanum Strontium Cobalt Oxide (LSC) — Katoda SOFC |
| 31 | NCM Manganese-Rich — Tipe 2 |

Anoda

Material Anoda

Bubuk anoda berkualitas analitik untuk aplikasi baterai lithium-ion maupun sodium-ion.

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| 01 | Natural Graphite |
| 02 | Artificial Graphite |
| 03 | MCMB Graphite |
| 04 | Hard Carbon — Li-ion |
| 05 | Soft Carbon — Sodium/Li-ion |
| 06 | Polycrystalline Silicon |
| 07 | Silicon/Carbon Composite (Si/C) |
| 08 | Lithium Titanate (LTO) |
| 09 | Hard Carbon — Sodium-Ion |
| 10 | Kuraray Type 2 Hard Carbon — Sodium-Ion |
| 11 | Nickel Oxide (NiO) — Anoda SOFC |

Prekursor

Material Prekursor

Garam prekursor untuk sintesis material katoda dan anoda.

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|----|--|
| 01 | Lithium Carbonate |
| 02 | Lithium Hydroxide |
| 03 | Nickel Sulfate |
| 04 | Cobalt Sulfate |
| 05 | Manganese Sulfate |
| 06 | Iron Oxalate |
| 07 | Iron Sulfate |
| 08 | Sodium Carbonate |
| 09 | Sodium Sulfate |
| 10 | Iron Oxide (Fe ₂ O ₃) |
| 11 | Iron Oxide (Fe ₃ O ₄) |
| 12 | Iron Nitrate |
| 13 | Zinc Sulfate |
| 14 | Zinc Acetate |
| 15 | Precursor Hidroksida NCM 622 |
| 16 | Precursor Hidroksida NCM 955 |

Aditif & Elektrolit

Aditif Konduktif, Elektrolit & Binder

Carbon black konduktif, elektrolit cair maupun solid-state, serta binder untuk produksi elektroda.

- 01 Super P Conductive Carbon Black
- 02 Super C45 Conductive Carbon Black
- 03 Super C65 Conductive Carbon Black
- 04 Conductive Acetylene Black
- 05 Conductive Graphite
- 06 Conductive Graphene
- 07 Single-Wall Carbon Nanotube (SWCNT)
- 08 Active Carbon — Elektroda Super-Kapasitor
- 09 LLZTO — Elektrolit Solid-State (Garnet)
- 10 LATP — Elektrolit Solid-State (NASICON)
- 11 Lithium Phosphorus Sulfide Chloride-Bromide — Elektrolit Solid-State
- 12 Lithium Phosphorus Sulfide — Elektrolit Solid-State (Tipe 1)
- 13 Anhydrous Lithium Oxide — Prekursor Elektrolit Solid-State
- 14 P-Xylene Solvent — Pelarut Baterai Li-S
- 15 Lithium Germanium Phosphorus Sulfide (LGPS) — Elektrolit Solid-State
- 16 Lithium Phosphorus Sulfide — Elektrolit Solid-State (Tipe 2)
- 17 Lithium-Indium Chloride — Elektrolit Solid-State
- 18 Lithium Phosphorus Sulfur Chloride — Elektrolit Solid-State
- 19 Sodium Phosphorus Sulfide Chloride (NPSCI) — Elektrolit Solid-State Sodium-Ion
- 20 High Purity Lithium Sulfide — Prekursor Elektrolit Solid-State
- 21 Phosphorus Pentasulfide
- 22 SEBS Polymer — Elektrolit Komposit Li-S
- 23 Polyethylene Oxide (PEO) — Elektrolit Solid-State
- 24 Anhydrous Lithium Chloride — Prekursor Elektrolit Solid-State
- 25 Anhydrous Zirconium Chloride — Prekursor Elektrolit Solid-State
- 26 Anhydrous Indium Chloride — Prekursor Elektrolit Solid-State
- 27 Lithium Fluoride
- 28 Yttria-Stabilized Zirconia (YSZ) — Elektrolit SOFC
- 29 Gadolinium Doped Ceria (GDC) — Elektrolit SOFC

Sel

LFP Prismatic Cell

Sel prismatic LFP dari berbagai kapasitas (3.5Ah – 280Ah), tersedia single cell maupun rangkaian 16S, untuk kebutuhan custom battery pack.

3.2V3.5Ah Cell Prismatic LFP

GT260001

3.2V3.5Ah Cell Prismatic LFP 16S

GT260002

3.2V6Ah Cell Prismatic LFP

GT260003

3.2V6Ah Cell Prismatic LFP16S

GT260004

3.2V15Ah Cell Cylinder LFP

GT260005

3.2V52Ah Cell Prismatic LFP Terminal Weld

GT260006

3.2V52Ah Cell Prismatic LFP Bolt-on

GT260008

3.2V52Ah Cell Prismatic LFP

GT260010

3.2V52Ah Cell Prismatic LFP Terminal Weld 16S

GT260007

3.2V52Ah Cell Prismatic LFP Bolt-on 16S

GT260009

3.2V52Ah Cell Prismatic LFP 16S

GT260011

3.2V114Ah Cell Prismatic LFP

GT260012

3.2V114Ah Cell Prismatic LFP 16S

GT260013

3.2V150Ah Cell Prismatic LFP 54x173x145mm

AB260001

3.2V150Ah Cell Prismatic LFP 54x174x145mm

AB260003

3.2V150Ah Cell Prismatic LFP 54x173x145mm 16S

AB260002

3.2V150Ah Cell Prismatic LFP 54x174x145mm 16S

AB260004

3.2V156Ah Cell Prismatic LFP

GT260014

3.2V156Ah Cell Prismatic LFP 16S

GT260015

3.2V280Ah Cell Prismatic LFP 173x71x207mm

AB260005

3.2V280Ah Cell Prismatic LFP 721x75x208mm

AB260007

3.2V280Ah Cell Prismatic LFP 173x71x207mm 16S

AB260006

3.2V280Ah Cell Prismatic LFP 721x75x208mm 16S

AB260008

Battery Pack

LFP Battery Pack — Full Set

Battery pack LFP siap pakai (full set, termasuk BMS) dalam berbagai konfigurasi tegangan dan kapasitas, untuk kebutuhan energy storage residensial & komersial. Setiap pack diuji sebelum dikirim.

48V100Ah LFP Battery Pack 15S Full Set

CB260001

24V100Ah LFP Battery Pack 8S Full Set

CB260002

51.2V100Ah LFP Battery Pack 16S Full Set

CB260003

48V200Ah LFP Battery pack 15S2P Full Set

CB260004

44.8V200Ah LFP Battery pack 14S2P Full Set

CB260005

Setiap battery pack dilengkapi Battery Management System (BMS), casing, dan kabel sesuai standar kualitas CBI, serta tersedia layanan custom sesuai voltase, kapasitas, bentuk, dan BMS pelanggan.

Baterai buatan Indonesia, untuk Indonesia.

Mari berdiskusi tentang bagaimana CBI bisa menjadi mitra material dan baterai Anda.

PT Cimahi Baterai Indonesia

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