

Recycling Lithium-Ion Battery

Rechargeable Battery/
Electronic Vehicle(EV)/
Energy Storage
System(ESS)/ Laptop,
Smartphone/ Transmission
device

Import and warehousing
activities of waste
batteries abide by the
country law and the Basel
Convention.

Aim High Korea has been
certified under the R2
standard as a recycling
company.

We try to transport our
products safely, without
harming the environment.

Selection
Discharge of Electricity
Mechanical Separation

Trained staff safely carry
out selection and
discharge process.

When the batteries are
mechanically shredded
and separated, cathode
active materials are
collected.

At the work site, we
prioritize the safety of our
staff and the improvement
of the work environment.

Hydrometallurgy
(Wet Smelting Process)

Through the
hydrometallurgy process,
Co, Ni, Mn, and Li are
collected separately from
the cathode active
materials.

High purity metal, the
main material of the
waste battery, is also
collected.

Cobalt Sulfate, Nickel
Sulfate, Lithium Phosphate,
Manganese Sulfate, Nickel,
Cobalt

The separated metal gets
manufactured into a
variety of different
materials.

These materials can be
reused as the base
material for the
rechargeable batteries.