

## Gases, welding, safety and services For advanced battery and energy storage



- Maintain flexibility with the right amount of gas, every time—from bulk to on-site to pipeline gas supply
- Get peace of mind with reliable supply to quickly support ramp up and expansion
- Eliminate guesswork with access to gas data purity, modeling and bench scale testing
- Gain efficiencies and optimize TCO with reliable gas supply and expertise
- Improve safety and protect your team with the right hardgoods, safety and PPE

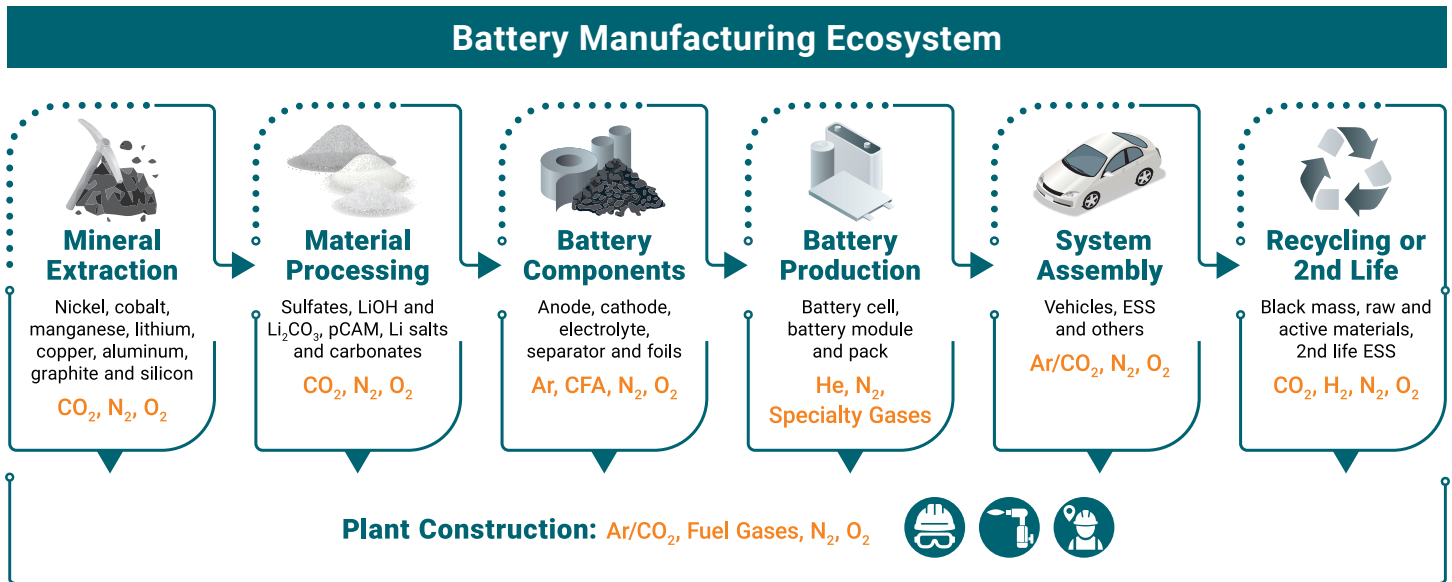
Gases play a critical role in the final quality, stability and safety of your process and throughout the battery ecosystem. Airgas, an Air Liquide company, understands the fast pace of the battery ecosystem and how our bundle can be integrated in the complex flowsheets of mineral extraction and material processing, to gas-intense battery production and vehicle integration, to first commercial operations in recycling.

Airgas offers a comprehensive solution with reliable supply via a multi-channel distribution network. For larger gas consumption, we offer supply modes designed to help you decrease your carbon footprint. A range of materials for advanced coatings as well as distribution systems for electrolyte chemicals are also offered. Our experts, backed by a global R&D network, are ready to help you realize improved TCO while optimizing your process and battery performance and strengthening your competitiveness in the global battery industry.

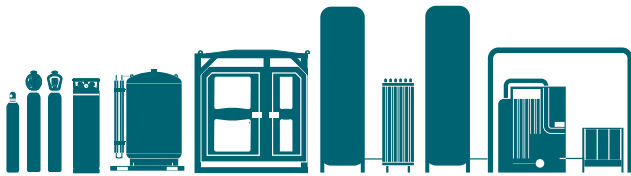
# Reliable gas supply and services

## For advanced battery and energy storage

Airgas offers quality gases—with a full range of purities and concentrations, in any supply mode — plus hardgoods and safety products that you need for each step of your process.



## We're more than just gas



On-site gas production is available when larger quantities of nitrogen and oxygen are required. This includes FLOXAL™ on-site gas generators and large scale on-site ASU production plants and pipelines.

A typical two-year transition from certification into full production demands access to multiple supply mode options to accommodate your increasing gas consumption. Selecting the right gas supply mode is critical to your process—to avoid run outs, maintain schedules and gain efficiency.

- A full range of gas supply modes from cylinders to bulk tanks to on-site gas generation installations including Air Separation Units (ASUs) and pipeline supply
- One of the largest distribution footprints in the US ensures reliable gas delivery when and where you need it
- Gas equipment ensures safe gas delivery to your process



Ask us how ECO ORIGIN™ can help you decrease the carbon footprint of your bulk gas supply

## Process expertise

Every day, manufacturers rely on Airgas for custom gas supply, service and expertise. Airgas stands ready to help you select the right gas supply for your unique production needs, as well as help you implement solutions to optimize your gas use and battery performance, and minimize risks. Our network of specialists have expertise in a variety of areas like specialty, bulk and on-site gases, welding and advanced metal fabrication, hydrometallurgy, heat treating, supply chain, and safety. We've helped engineer custom gas supply for production and process optimization across multiple industries, and have specified, built and installed custom equipment.

*Fill Your Potential.™*

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