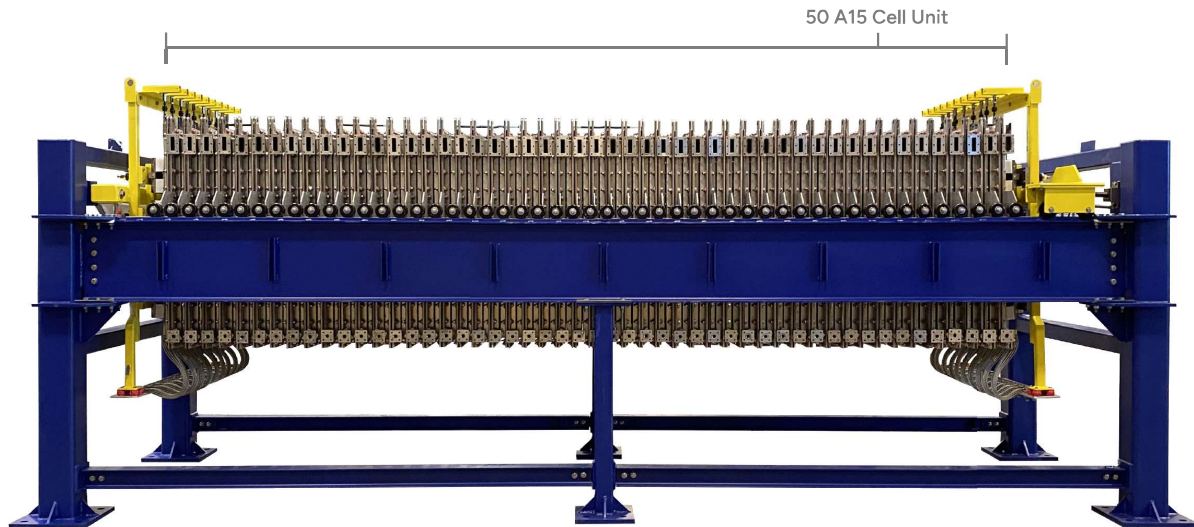
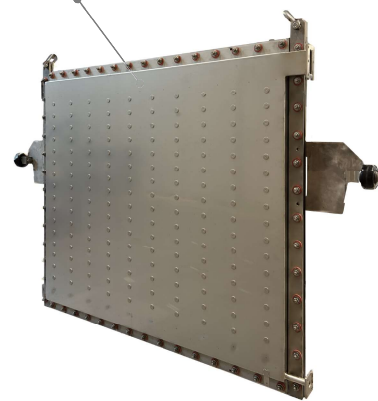


# NORSCAND® A15

High-Performance Electrolyzer for Industrial Applications



NORSCAND®A15 Cell



## Product Overview

The NORSCAND® A15 electrochemical cell is engineered for versatility, making it suitable for a wide range of applications such as industrial salt-splitting. The typical configuration features a DSA coated titanium mesh anode and stainless steel or nickel cathode with custom electrode configurations (finite or zero gap) and a durable design optimized for demanding conditions. This high-efficiency cell supports diverse chemistries and operational environments and is scalable to meet the requirements of commercial-scale operations across a broad capacity range.

## Key Features



### High-Purity Product

- Field-proven to produce lithium hydroxide (LiOH) at purities that not only meet but exceed battery-grade standards.
- Supports multiple brine feedstocks: lithium chloride, lithium sulphate or sodium sulphate



### Energy-Efficient Design

- Specifically optimized for low operating voltage and high current efficiencies for various electrochemical chemistries.
- Integrated energy recovery systems for reduced operating costs.



### Environmentally Friendly Operation

- Closed-loop water and electrolyte recycling.
- Minimizes chemical reagents compared to conventional processes like direct caustization



### Modular & Scalable Architecture

- Modular stacks support flexible capacity from 1 to 100 cells in a single cell line
- Easily integrated into existing brine extraction or spodumene refining operations.



### Advanced Membrane & Electrode Technology

- Utilizes ion-exchange membranes and can be arranged in two or more compartment configurations
- Durable, corrosion-resistant electrodes.
- Partnered with Permascand with 40+ years experience with electrode supply