

# Aquion Energy Battery S-Line Stack

The world's newest and safest  
energy storage system!

Fusion is proud to bring this revolutionary saltwater energy storage technology, which outperforms and outlasts traditional battery systems, to Australia.

The Aquion Aqueous Hybrid Ion (AHI™) is designed for long duration daily cycles and copes easily with high temperatures, making it perfect for solar and other renewables.

Aquion Energy Battery Systems deliver a unique combination of performance, safety, and sustainability in a cost-effective energy storage system. Free of toxic chemicals and heavy metals, Aquion Energy Battery is fire safe, 100% recyclable and has an operating life of up to 15 years.

S-Line Stacks serve as the fundamental building blocks for all Aquion Energy systems. S-Line Stacks are ~2.4 kWh systems at 48V nominal and can be connected in series or parallel for a wide range of system configurations.

S-Line Stacks deliver robust field performance, excellent abuse tolerance, and hassle free operation.



## PERFECT FOR:

- Stationary long-duration, daily cycling applications
- Residential solar
- Off-grids and micro-grids
- Energy management and grid-scale services.

To find out more, contact Fusion -  
Australia's leading provider of IT  
and industrial power systems.



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1300 911 365

# Features

## **PERFORMANCE: AVOID COSTLY DOWNTIME AND BATTERY REPLACEMENTS**

- Very high cycle life
- Usable depth of discharge (DoD): 100%
- Extremely abuse tolerant
- Ability to stand at partial state of charge
- Wide operating temperature range
- Minimal degradation

## **SAFETY: INHERENTLY SAFE CHEMISTRY**

- Not flammable, explosive, or corrosive
- No dangerous or toxic components
- Aquion Energy S20 and S20-P are the first batteries in the world to be Cradle to Cradle Certified™ Bronze.

## **SUSTAINABLE: SIMPLE, ABUNDANT, NONTOXIC MATERIALS**

- Environmentally benign materials
- No corrosive acids or noxious fumes
- Suitable for deployment globally

## **ECONOMICAL: INDUSTRY-LEADING TOTAL COST OF OWNERSHIP**

- Low acquisition costs (\$/kWh)
- Better value than lead acid or lithium ion
- No regular maintenance
- No thermal management
- No active management required

\* Information subject to change without notice