

OUR PRODUCT

ULTRAFAST ALUMINUM-ION BATTERY



ULTRAFAST CHARGING

Charges to full capacity in 1 minute



GREENER TECH

- Abundant, Sustainably & Ethically sourced.
- Easily Recyclable



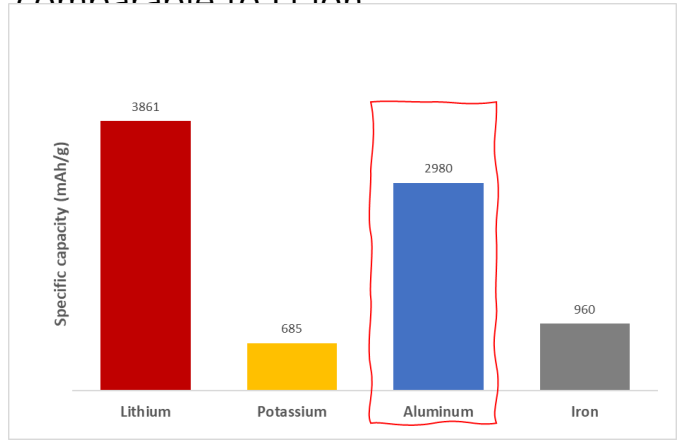
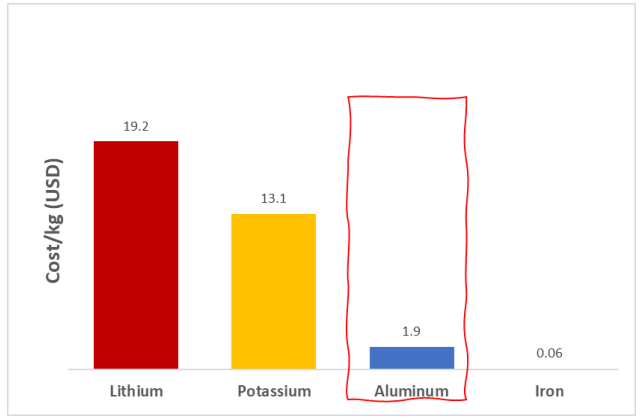
LOWER COST

Cost of Al (1.9 USD/kg) vs
Cost of Li (19.2 USD/kg)



HIGH CAPACITY

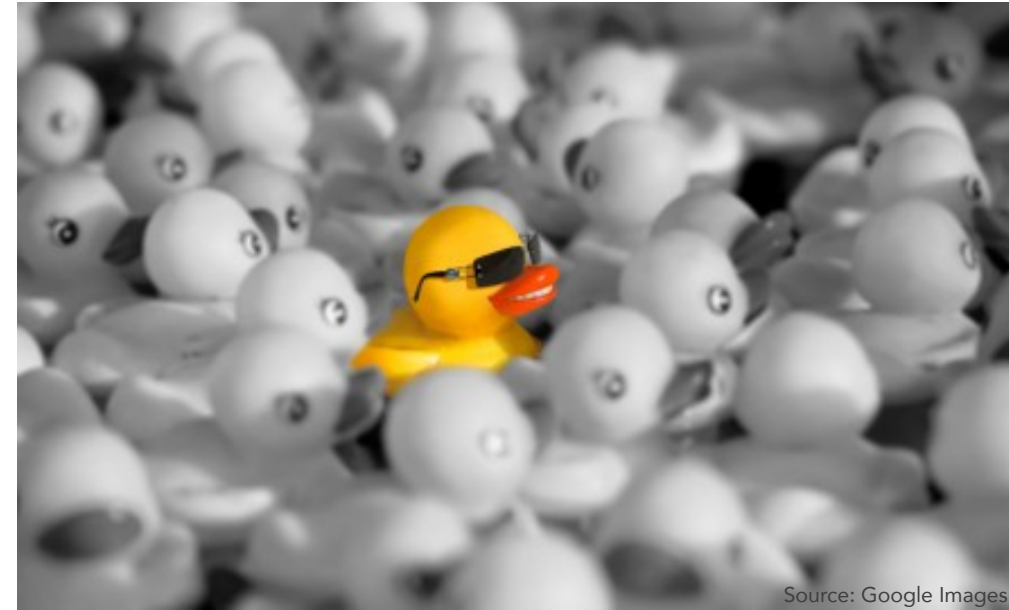
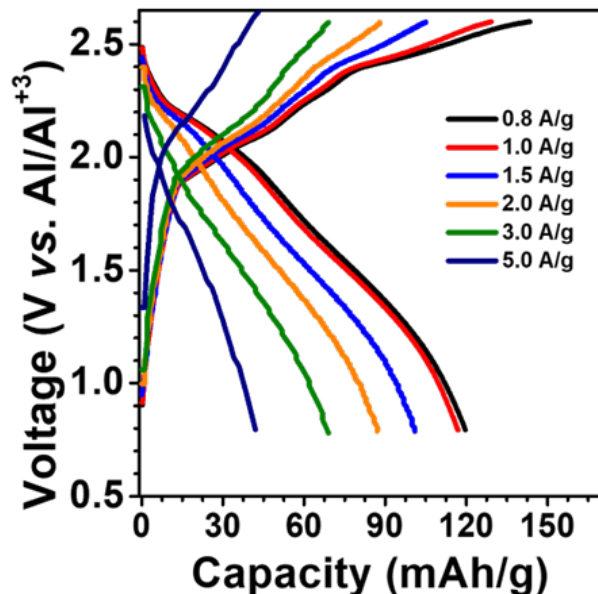
220Wh/kg energy density, suitable for most battery applications and comparable to Li ion



TECHNOLOGY

What's Unique about our Product?

- Our product is based on a novel technology that leverages the advantages of aluminum ions as charge carriers
- Aluminum ions can exchange three electrons per ion,
 - this implies that one Al^{3+} is equivalent to three Li^+ ions
- This enables our proposition of faster charging, higher capacity, lower cost, and greener technology
- We have patented our technology and developed prototypes that demonstrate its feasibility and performance



Source: Google Images

We have a provisionally approved patent for this technology (63/600,895)

OUR COMPETITION

Features	Ultrafast Aluminum	Lead-Acid	Lithium-Ion
Average Charge Time (Similar Capacity)	1 minute	> 4hrs	> 15minutes
Thermal Stability	-40°F to 212°F	30°F to 122°F	-4°F to 140F (susceptible to thermal runaway)
Capacity	220 Wh/kg	40 Wh/kg	250 Wh/kg
Avg Cost of main raw material	1.9USD/kg	2.5 USD/kg	19.2USD/kg
Environmental Impact	Non-Toxic	Toxic	
Abundance in Earth's crust	8.1% (3 rd most)	0.0013%	0.0017%

SUMMARY

- “Ultrafast Aluminum: 110% is just the beginning.” 🦹
- Introducing the future of energy storage with the ability to charge in less than a minute, this breakthrough technology is poised to revolutionize the way we power our devices and vehicles.
- Unlike traditional lithium-ion batteries, our battery is safer, more durable, and more environmentally friendly. It is also more affordable and easier to manufacture, making it an attractive option for consumers and manufacturers alike.
- With the right infrastructure in place, our battery will help usher in a new era of clean, efficient, and sustainable energy.

• “Join us in powering the future with Ultrafast Aluminum.” 🚀

• “Revolutionize the way we power our devices and vehicles.” 🔋

• “Experience the future of energy storage today.” ⚡

CEO



Thomas Chepucavage

THANK YOU