



Sarajevo flow batteries

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Australian startup Gelion is seeking to commercialize a non-flow zinc-bromide battery based on a stable gel replacing a flowing electrolyte. According to the manufacturer, the device is safe, robust and recyclable.

"As an academic, you think the best way ... [is the] intellectually most elegant way. But that may not be the best at all from an engineering point of view, or from a commerce, financial, manufacturing point of view. So bringing it out of the lab and into real world manufacturing was a hugely informative journey for us," Maschmeyer told pv magazine Australia.

"Gelion batteries are safe, robust and recyclable," the professor said in a statement. "For stationary energy storage, zinc-bromide batteries do away with the need for expensive cooling and maintenance systems. And they can't catch fire."

Hi Troy, that was a mistype. Thank you for pointing it out (I get so used to writing about megawatts, the 'M' became kind of invisible to me)! The correct figures are 200 watt hours to 300 watt hours.

Exciting to hear this product being developed commercially. It has such massive potential as home/business based storage systems in conjunction with existing PV setups. Previously I read they were aiming for a battery cost of well under \$100 per kWh, which would be a no brainer for homes and businesses. Any update on retail cost estimates?

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Web: <https://sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

