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ELECTRICBOATS AGGREGATOR

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Future Electric



A research team at the Institute of Metal Research of the Chinese Academy of Sciences (CAS) has advanced “all-iron” flow battery technology. In particular, a newly formulated electrolyte facilitates thousands of charge-discharge cycles and provides a budget-friendly, high-endurance answer for the world’s massive energy storage needs. The development solves the long-standing issues of material degradation and leakage (crossover) by re-engineering the iron complex at the molecular level. The high price disparity between raw materials is a main driver of this innovation, with lithium currently trading at over 80 times the cost of iron. The massive price gap makes iron-based batteries a viable alternative to overcome the supply constraints that are stalling the global shift to green energy.



Don Wright
Editor

ELECTRICBOATS
AGGREGATOR

The monthly digital magazine featuring the pick of electric boating news info and trends



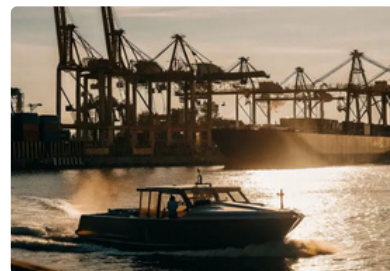
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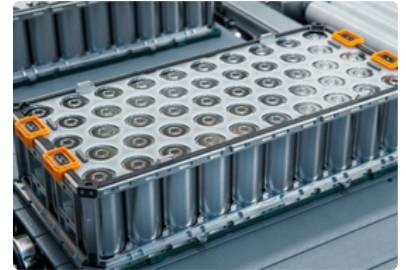
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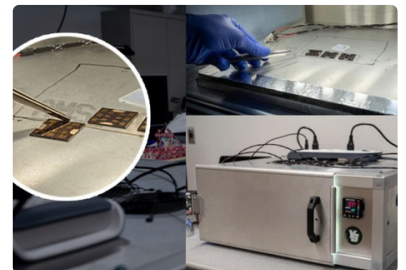
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