



If the battery is dead from poor maintenance, worn-out from too many deep cycles, overcharging, or excessive deep discharging; it probably can't be recovered." Following manufacturer-recommended care and maintenance procedures will get you the longest life and best performance from any battery.



But, a team of DOE and Stanford scientists say they've been able to make this "dead" li-ion reconnect, partially reversing the unwanted loss of energy capacity and extending lithium battery life



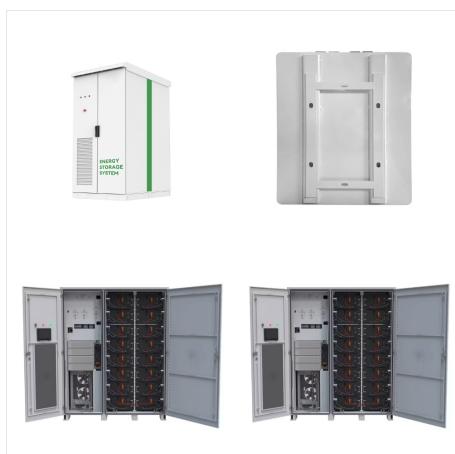
Researchers at the Department of Energy's SLAC National Accelerator Laboratory and Stanford University believe they have discovered a means to revive rechargeable lithium batteries, which might increase the range of electric cars and battery life in next-generation electronic devices.

CAN A DEAD LITHIUM-ION BATTERY BE RESTORED

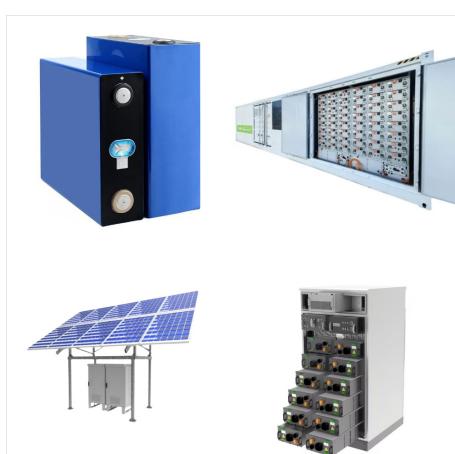
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Can you safely revive a dead lithium-ion battery?
Yes - here's how. Story by Adrian Kingsley-Hughes.
a?c 7mo. M ore and more devices now come kitted
out with rechargeable lithium-ion batteries --



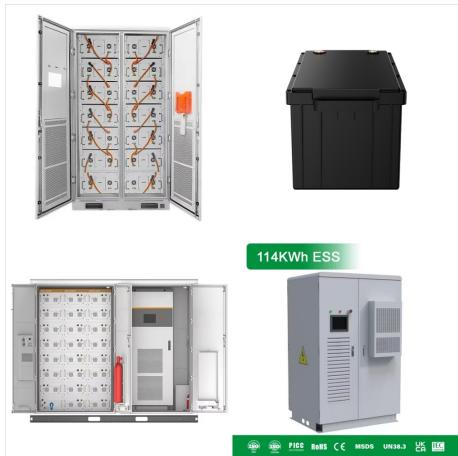
Researchers at the Department of Energy's SLAC National Accelerator Laboratory and Stanford University may have found a way to revitalize rechargeable lithium batteries, potentially boosting the range of electric vehicles and battery life in next-gen electronic devices.



. Steps: Place the two batteries side by side, aligning their positive and negative terminals. Use wires to connect the positive terminal of the charged battery to the positive terminal of the dead one. Do the same for the negative terminals. Let the two batteries sit connected for 1-2 minutes, allowing a charge transfer.

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A lithium-ion battery is considered irreversibly dead when its voltage drops below a certain threshold, typically around 2.5 volts per cell. At this point, the battery may not be able to be recharged using a standard charger, and may need to be replaced.