



## Battery life predicted with resistance measurement

### Description



University of Michigan engineers have identified internal resistance, measured immediately after cells are made, as a key indicator of how long a battery will last. The measurements can be done in seconds towards the end of the manufacturing process at little to no additional cost. Lifespan prediction is already possible, but it requires repeated cycling-charging, discharging and recharging to gather data needed to train an algorithm. Similarly, ageing tests can take weeks to months to complete and are restricted to a handful of cells per batch of batteries produced.

Read the full article at: [www.theengineer.co.uk](http://www.theengineer.co.uk)

### Category

1. TheCircularEconomy.com

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