



Tdk claims solid-state battery breakthrough

Did TDK develop a material for solid-state batteries?

Japanese electronic parts maker TDK on Monday said it had successfully developed a material for its solid-state batteries. The Tokyo-based Apple supplier said the innovation can be utilized in various devices that come into direct contact with the human body.

What's new in TDK batteries?

Japan's TDK has announced a significant breakthrough in materials for small solid-state batteries, forecasting substantial performance improvements for devices like wireless headphones and smartwatches. The new material...

How much energy does a TDK battery use?

The Tokyo-based Apple supplier said the material for its small solid-state batteries had an estimated energy density of 1,000 Watt hours per liter, or Wh/l, which is approximately 100 times greater than the energy density of TDK's conventional mass-produced solid-state battery.

Will TDK's new solid-state batteries boost Apple's performance?

Image Credit: Reuters Japan-based TDK, a major supplier to Apple for its batteries, has announced a significant breakthrough in the development of small solid-state batteries. This can potentially result in a major performance boost push in several devices ranging from wireless headphones to smartwatches.

Will TDK's new solid-state battery material impact society's energy landscape?

Noboru Saito, TDK's chief executive, expressed optimism about the impact of their newly developed solid-state battery material on society's energy landscape, emphasizing its potential to enable smaller device sizes and longer operational durations.

Is TDK a good battery?

TDK Corporation in Japan, a component supplier to companies like Apple, says it's increased its solid-state battery energy output at 1,000 watt-hours per liter, which is 100 times better than its previous battery.



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