



Bmw i3 solid state battery

Could a new battery pack double the range of a BMW i3?

Fortunately, there's a promising solution on the horizon. Enter Martigi Manufacturing (MTG), a Chinese company that's stepping up to address the range limitations of older BMW i3 models. MTG claims to have developed a battery pack that can effectively double the driving range of the original 60 Ah i3.

What is the BMW i3 battery pack?

To get an idea of what's actually being replaced, you can look at the video above to see the original BMW i3's battery pack. It's basically a bunch of VHS-sized prismatic cells. These boxes go into eight modules that make up the battery pack. Here you can see the 12 cells that make up each module:

How much does a new BMW i3 battery cost?

This company has been advertising new BMW i3 battery upgrades on YouTube: MTG's website shows 54 kWh battery packs made up of prismatic CATL cells: Some folks on Reddit say they were quoted \$6500 for the pack, which is about the same as the CVC price.

Will BMW i3s get a battery upgrade?

Recently, though, there has been some whispering that the aftermarket might offer a battery upgrade for the i3. That whispering comes out of China, with numerous sales representatives posting photos and videos of BMW i3s ostensibly receiving battery upgrades.

Are BMW i3 batteries a gamechanger?

I just spoke with a man who's swapping new batteries into i3s in Los Angeles, and he tells me: This is a gamechanger. The BMW i3 began life for the 2014 model-year with a 22 kWh battery pack, then it received an upgrade to 33.2 kWh in 2017, and then things jumped to 42.2 kWh in 2019.

Does the BMW i3 have a MTG battery?

The MTG battery is designed to be compatible with the BMW i3's original charging system, including the 50 kW DC fast charging capability. This means you can use the same charging stations and experience similar charging speeds as with the original battery, but with a significantly increased range.

Saw an article today discussing the progress on solid state batteries...both Toyota, who is working with Panasonic, and Samsung are saying that they expect to have ...

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The original i3 could have its 60 Ah battery pack replaced by any battery pack that would fit in a 120 Ah i3S. Also, an i3S has the same battery pack as an i3 of the same ...

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For years, i3 owners have dreamed of a replacement battery pack that could give their otherwise-in-excellent-shape i3s a new lease on life, and rumors seem to be swirling now of a potential new option out of China.

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