

I3 Battery Management System





Overview

Does BMW i3 have a battery management system?

BMW equipped the i3 with a very robust BMS (Battery Management System). Although your gauge may say 100%, the BMS controls the actual charge of the battery. I'm an 80% kinda guy.

Does the BMW i3 have a thermal management system?

Do know that as of now, your choice is only locked within the battery packs specifically made by BMW for the i3. This is due to the i3 and its battery being designed differently than others. One thing that makes the i3 different is the presence of an active thermal management system in its battery.

How much does a BMW i3 battery cost?

Likewise, you may avail of perks offered by BMW at the time of your servicing like possible discounts, freebies, and more. Oh yes, by the way, you will pay about \$16,000 at a dealership if you want an OEM battery installed in your BMW i3. The aftermarket is now full of companies that offer more affordable upgrade options for your i3's battery pack.

Should you buy BMW i3 battery upgrade parts online?

One thing that you will definitely miss out though is the warranty and perks offered by BMW for the i3 battery upgrade as discussed in the previous item. In addition, it is worth noting that there are many battery upgrade parts sold online nowadays, which will let you shop around and save on your purchases.

What makes the i3 different?

One thing that makes the i3 different is the presence of an active thermal management system in its battery. The system links the battery pack to the AC lines for better cooling or heating, depending on the prevailing environmental conditions during its operation.



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.



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[BMW SME Module: Functions, Common Faults & How to Virginize It](#)

What is the BMW SME Module & Its Function? The SME module (Smart Battery System Module) is a crucial part of the BMW energy management system, mainly found in models equipped ...

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