



MODERNIZATION SOLAR

Xiaomi outdoor power semi-solid battery





Overview

Is Xiaomi launching a solid-state battery?

Xiaomi has disclosed a new patent marking its entry into solid-state battery development. The patent describes a layered electrode structure that improves ionic conductivity and energy density—two critical barriers to commercialising this next-generation battery technology.

Does Xiaomi have a cell-to-body battery?

Xiaomi claims its prototype features a cell-to-body design with a volume efficiency of 77.8%. It reportedly delivers a CLTC-rated range of over 745 miles and supports fast charging. Chinese tech giant Xiaomi has taken a significant step into the solid-state battery race by filing a new patent for a layered electrode design.

What does Xiaomi's new patent mean for solid-state battery development?

Chinese media reported a patent for the technology, which describes a layered electrode structure that improves ion conductivity and energy density. For Xiaomi, the new patent marks the technology company's entrance into solid-state battery development.

Is Xiaomi's solid-state battery technology safe?

Xiaomi has once again set the bar high for the industry with the presentation of its latest solid-state battery technology. The company claims that its solid-state batteries provide a 33% increase in capacity relative to conventional lithium-ion batteries, with no safety concerns regarding puncture-related short circuits and fires.



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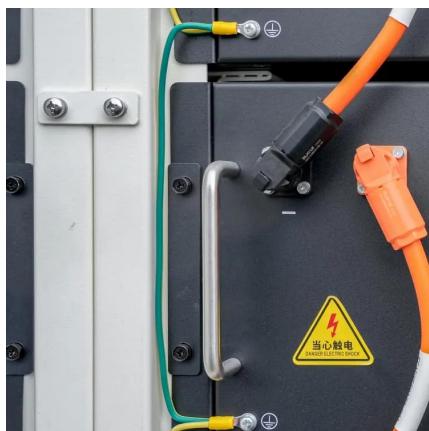


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