

Energy storage and cooling system patent

What is Tesla's Energy Storage System patent?

The full text of Tesla's Energy Storage System patent could be accessed [here](#). Tesla's focus on battery integrity in its recently published patent application suggests that the Silicon Valley-based company is looking to develop packs that are capable of lasting a very long time.

Could Tesla's battery pack be an "improved energy storage system"?

With this in mind, Tesla maintains that there is a need to develop an "improved energy storage system" that will be capable of reducing or removing "one or more of the issues mentioned." Tesla's patent describes two strategies that could improve its battery packs.

What is Tesla's Energy Storage System?

Such a system was outlined by Tesla in a patent simply titled "Energy Storage System." Explaining its rationale, the Silicon Valley-based company stated that "cells and other components in a pack generate heat during operation, both during the charging process to store the energy and during the discharge process when energy is consumed."

3 Cabinet design with high protection level and high structural strength. The key system structure of energy storage technology comprises an energy storage converter (PCS), a battery pack, a battery management ...



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