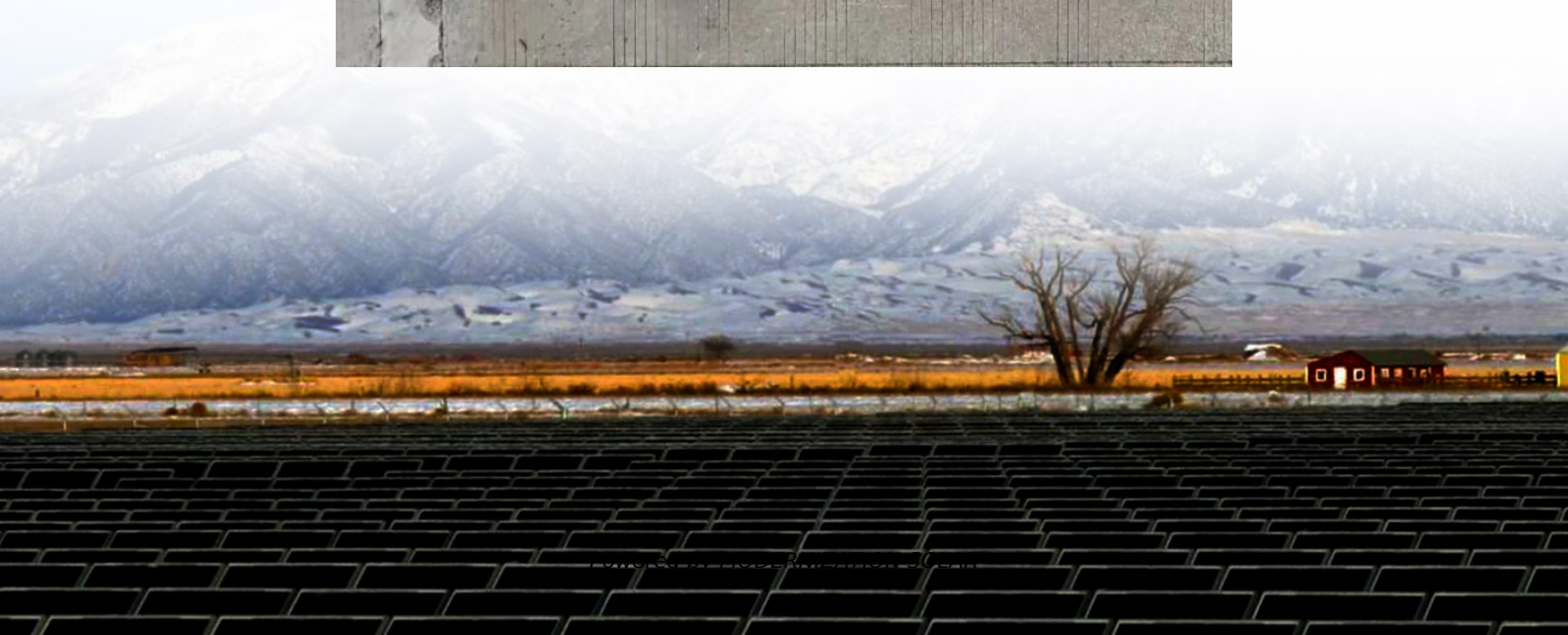


# Flywheel energy storage cycle number





## Overview

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Compared with other ways to store electricity, FES systems have long lifetimes (lasting decades with little or no maintenance; [2] full-cycle lifetimes quoted for flywheels range from in excess of  $10^5$ , up to  $10^7$ , cycles of use), [5] high specific energy (100–130 W·h/kg, or 360–500 kJ/kg), [5] [6] and large maximum power output.



## Flywheel energy storage cycle number

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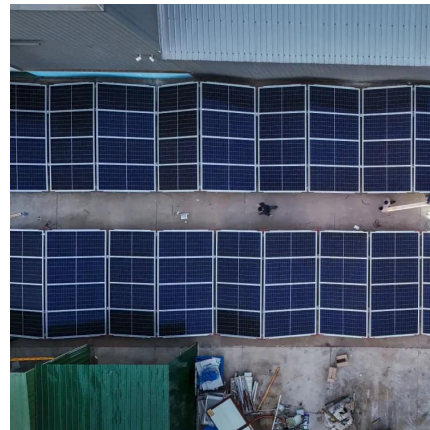


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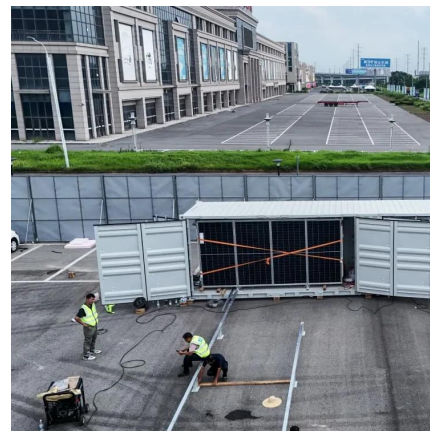
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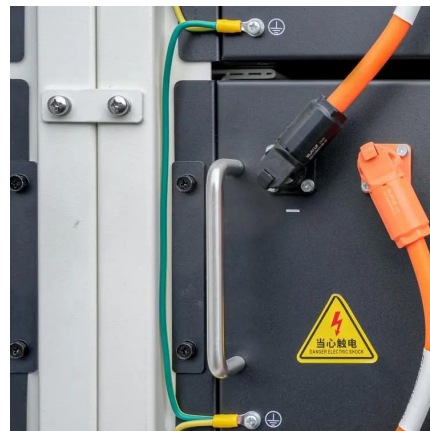


## How many years can the flywheel energy storage system ...

Flywheel energy storage systems have a long working life if periodically maintained (>25 years). The cycle numbers of flywheel energy storage systems are very high (>100,000). In ...

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