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Title: Megawatt flywheel energy storage device

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Overview  
Main components  
Physical characteristics  
Applications  
Comparison to electric batteries  
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External links  
A typical system consists of a flywheel supported by rolling-element bearing

connected to a motor-generator. The flywheel and sometimes motor-generator may be enclosed in a vacuum chamber to reduce friction and energy loss. First-generation flywheel energy-storage systems use a large steel flywheel rotating on mechanical bearings. Newer systems use carbon-fiber composite rotors

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