



Stornetic GmbH 14th October 2016 info@stornetic
 White Paper. Safety of Flywheel Storages System 1
 October 2016 Summary Flywheel Energy Storage
 Systems (FESS) play an important role in the
 energy storage business. Its ability to cycle and
 deliver high power, as well as,



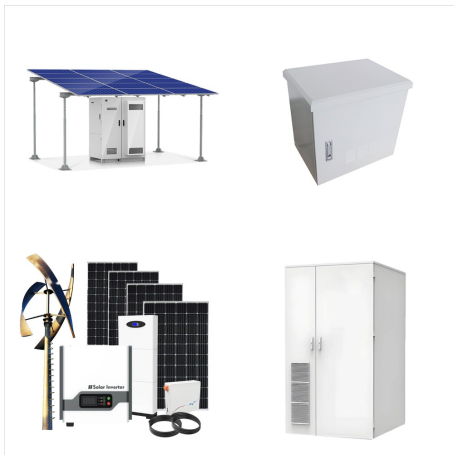
Stornetic is a market leader in safety innovation,
 patenting specific technology as a result of our
 extensive testing. The ring membrane is a
 forward-thinking example of this innovation. A
 patent-registered component designed to sit
 between the EnWheel and its foundation, it ensures
 the machine has the mobility to safely spin while
 firmly



STORNETIC is a business unit of a leading
 international energy technology company. We have
 been developing and manufacturing extremely
 high-speed components for safe and reliable power
 generation for fifty years and are a global
 technology leader in this field. As an innovation
 driver in the field of energy management, our
 corporation has demonstrated responsibility a?|



Stornetic bietet Unterstützung bei der Installation seiner Stromspeicher. Lesen Sie hier, wie unsere erfahrenen Fachleute Sie bei Installation und Inbetriebnahme der Stornetic-Technologie unterstützen.



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EnWheel bietet überzeugende Vorteile für alle, die auf der Suche nach einer wartungsfreien, sicheren und umweltbewussten Kurzzeit-Stromspeicherlösung sind. Der Schwungradrotor ist aktiv magnetisch und verschleissfrei gelagert. Das EnWheel ist dadurch wartungsfrei und hat eine hohe Lebensdauer mit hoher Effizienz.



Stornetic GmbH | 637 Follower:innen auf LinkedIn. STORNETIC designs, manufactures and delivers power storage systems. | Speed is everything. The same applies when it comes to storing power through rotational energy. This is where EnWheel(R) is right out in front, at 45,000 revolutions per minute.



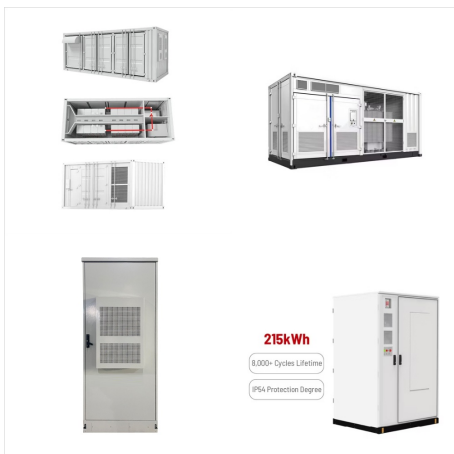
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Die Stornetic GmbH ist Teil der ETC-Unternehmensgruppe mit Standort in Julich (Nordrhein-Westfalen). Wir verfügen über spezifische Fachkompetenz und Erfahrung aus mehr als vier Jahrzehnten in der Herstellung hochdynamischer, a?]



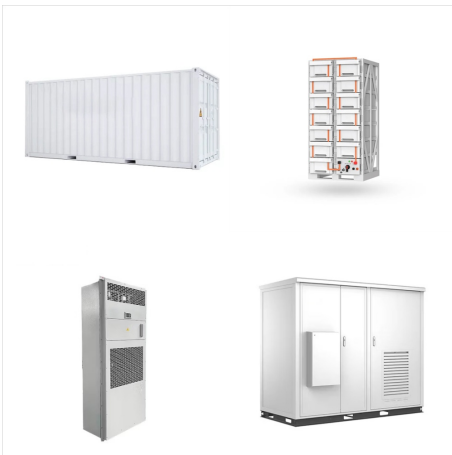
SWM has a reputation as an innovator in utility provision, and they have tested Stornetic's DuraStor system, to evaluate the benefits of decentralised energy storage. To undertake the evaluation, SWM invested in a DuraStor system of 560 kW | 95kWh capacity, which included 28 EnWheel 22 flywheel machines installed in a single container.



Bei der Konzeption der Stromspeicherlösungen von Stornetic ist die Sicherheit integraler Bestandteil. Erfahren Sie mehr über die innovative Technologie und die Testverfahren, die unsere Produkte durchlaufen.



Nippon Koei is one of Japan's leading international engineering enterprises, with a reputation for innovating through research investment.. Nippon Koei approached Stornetic to learn more about Fast Power Storage, and this enquiry has led to a project involving the supply of a full DuraStor system to Japan.. The "FlyStab" project has seen Stornetic supply and install DuraStor a?



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Stornetic GmbH 2016/2016. Deutsches Museum Munich, Germany. Compared to other storage systems, flywheels provide a high output within the shortest amount of time. In this model, a 60 kilograms cylinder made of carbon fibers spins at a speed of 45,000 rotations per minute so that for 216 seconds up to 60 kilowatts is available. The response time



Le systeme DuraStor (R) de STORNETIC combine un certain nombre de volants d'inertie tres efficace en un seul systeme, ainsi que des commandes de puissance avancees. Les avantages principaux du stockage d'energie par volant d'inertie par rapport a l'utilisation de batteries sont une duree de vie plus longue, un risque d'incendie reduit et une utilisation moindre de metaux a?



Das KIT ist an Stornetic herangetreten, um ein schwungradbasiertes Stromspeichersystem in sein Technologieportfolio zu integrieren. Stornetic hat daraufhin ein DuraStor-System an das KIT geliefert und im Energy Lab 2.0 installiert. Es ermöglicht dort die Durchföhrung unterschiedlicher Forschungsprojekte:



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Mochten Sie mehr über die Arbeit von Stornetic erfahren? Nehmen Sie noch heute Kontakt zu uns auf a?? per Telefon, E-Mail oder Social Media. STORNETIC GmbH. E-Mail: info@stornetic . : Stornetic. Twitter: [@Stornetic](https://twitter.com/Stornetic). Telefon: 02461 a?]



Want to find out more about the work Stornetic does? Get in touch with us today via our contact form, by phone or email. Alternatively, you can connect with us on social media. + 49 24 61 65 a?? 7100. info@stornetic . View map & directions



"Stornetic's DuraStor proved that it could remove strong power fluctuations coming from the PV farm. Power at the coupling point can be managed, achieving both SoC management and DSO requirements. STORNETIC GmbH Stetterbacher Staatsforst 52428 Julich a?c Germany Pages. Home; Applications; Our Technology; Case Studies; About Us; Contact



However, Stornetic-developed technology can be used to assist with balancing power and grids in situations where renewable sources fluctuate. How much does Stornetic cost, per MWh storage capacity? Each Stornetic application is designed individually to suit the conditions and the client's needs, and so the cost of storage cannot be calculated