



Flywheel energy storage kuwait

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Introducing the world's most advanced flywheel energy storage technology, developed by the Boeing company, brought to the market by QuinteQ, made in the Netherlands

The QuinteQ flywheel system is the most advanced flywheel energy storage solution in the world. Based on Boeing's original designs, our compact, lightweight and mobile system is scalable from 100 kW up to several MW and delivers a near endless number of cycles. The system is circular and has a lifetime for over 30 years.

The flywheel relies on a ultra-fast lightweight carbon rotor that is 100 % magnetically levitated. Our design uses superconductive crystals to make our flywheel completely frictionless. This creates a high round trip efficiency (>98%) with the lowest stand-by energy losses in the market (<0.1% per hour). The flywheel is held in a specially designed safety chamber. This makes the device safe, compact and makes it possible to place in a regular shipping container.

We are a band of passionate, high-performing individuals with an intrinsic drive to move the energy transition forward. We have taken on the challenge to develop and introduce a high-end, high-tech energy storage technology with the goal to provide an affordable and flexible energy storage solution to support the energy transition. We are always on the move looking for new opportunities to make an impact, we do not take no for an answer and failure is not an option.

At QuinteQ, we understand that strong partnerships are essential to achieving our mission of empowering the energy transition. We are proud to work with some of the most innovative and forward-thinking companies in the industry, and we look forward to continuing to build on and out of these relationships in the future.



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