



Powering the Energy Transition

Catalysing innovative energy storage solutions for decentralised renewables in emerging markets

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A few words about us



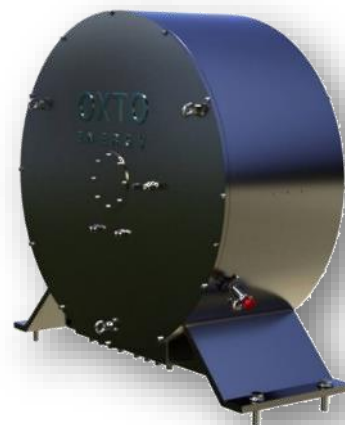
**We are an energy
storage technology
provider**



**We have taken proprietary &
proven space technology**

OUR PURPOSE

**Transform the way
energy is stored to
meet the world's
demand for
sustainable energy**



**...and brought it to earth
to commercialise it!**

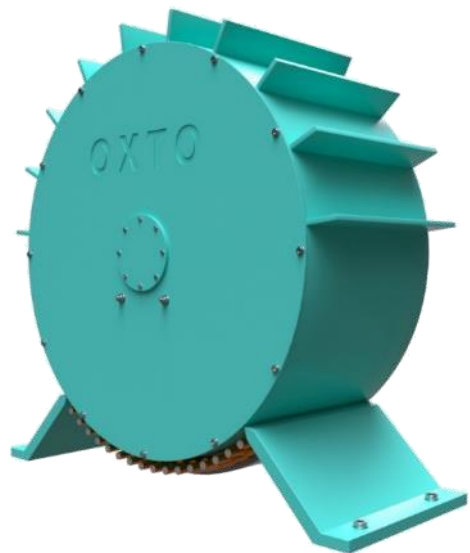
OUR INNOVATION

**A new generation
Flywheel Energy
Storage System**



Technical validation

The OXTO battery is a turn-key solution (kW to MWs)



International Patent :
#PCT/GB2019/052636

UK Patent:
#GB2489523

- ✓ Unlimited cycles capability
- ✓ lowest OPEX

FULL POWER CAPACITY > 25 YEARS

UNLIMITED CYCLES

OPERATIONAL IN WIDE TEMPERATURE RANGES
(-45°C to +65 °C)

80 kW WITH 7.5 kWh PER UNIT
95% EFFICIENCY

SAFE DESIGN
&
100% RECYCLABLE

100% DEPTH OF DISCHARGE

HIGH AVAILABILITY (>99%) – LOW MAINTENANCE



Alliance for
Rural
Electrification
Shining a Light for Progress

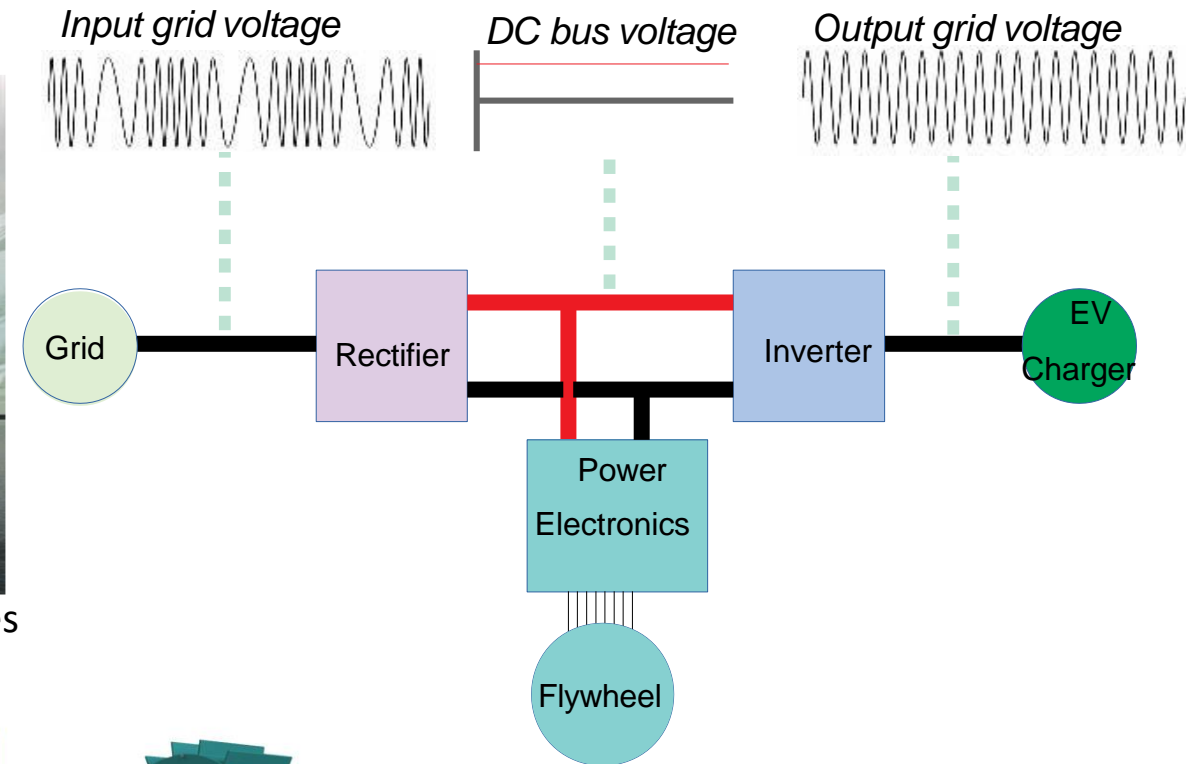
Case study: EV charging & ESS to combine electrification of transport to global electricity access in a rural area connected to a mini-grid



Mini-grid with hydro power plant



Example of potential electric motorbikes



- ✓ Energy storage
- ✓ Filter energy – isolated microgrid mode



OXTO
ENERGY

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