



Why are you still using chemicals for energy storage?

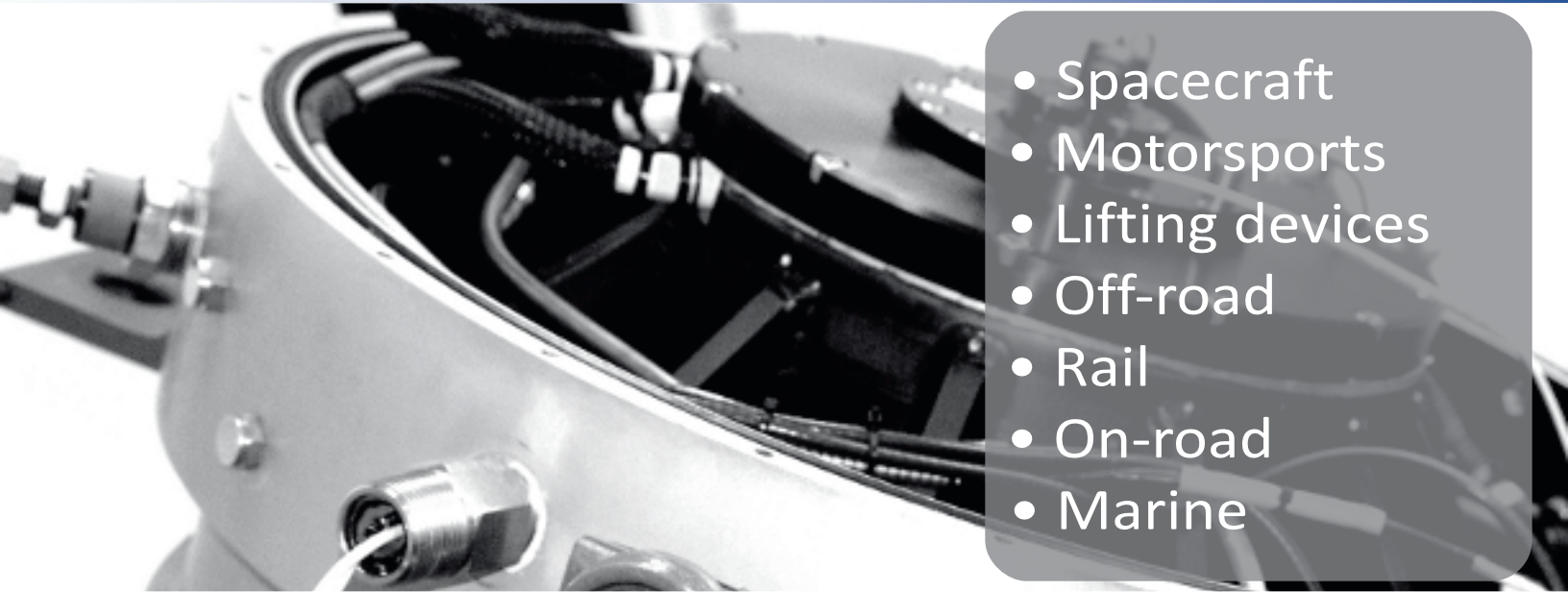
Blueprint Energy is the research and product development division of *Flywheel Energy Systems Inc.* Our focus is to work with channel partners such as OEM's, tier 1 suppliers and research institutions to design and develop advanced energy storage solutions for transportation markets.

- long service life • long cycle life • no capacity fade • no power fade • no efficiency fade
- high efficiency • no charge conditioning or cell balancing • zero voltage maintenance
- no life compromising effects from temperature • no high voltage risk for first responders
- no ecological impact at end of life • reduced total cost of ownership • no chemicals



Advanced flywheel energy storage solutions

Focused on high power, short duration applications, our products are ideally suited for charge sustaining hybrid vehicles of all kinds.



- Spacecraft
- Motorsports
- Lifting devices
- Off-road
- Rail
- On-road
- Marine

| Characteristic | Value | <p>Technical specifications for a single flywheel module</p> <p>Modules can be aggregated to fit your requirements</p> |
|-----------------------|---------------|------------------------------------------------------------------------------------------------------------------------|
| DC link voltage | 550 V - 850 V | |
| Power | 120 kW | |
| Energy | 0.75 kWh | |
| Mass | 230 kg | |
| Volume | 70 litres | |
| Outside diameter | 400 mm | |
| Length | 540 mm | |
| Round trip efficiency | 94% | |

Contact us today for more information or to obtain a quote.