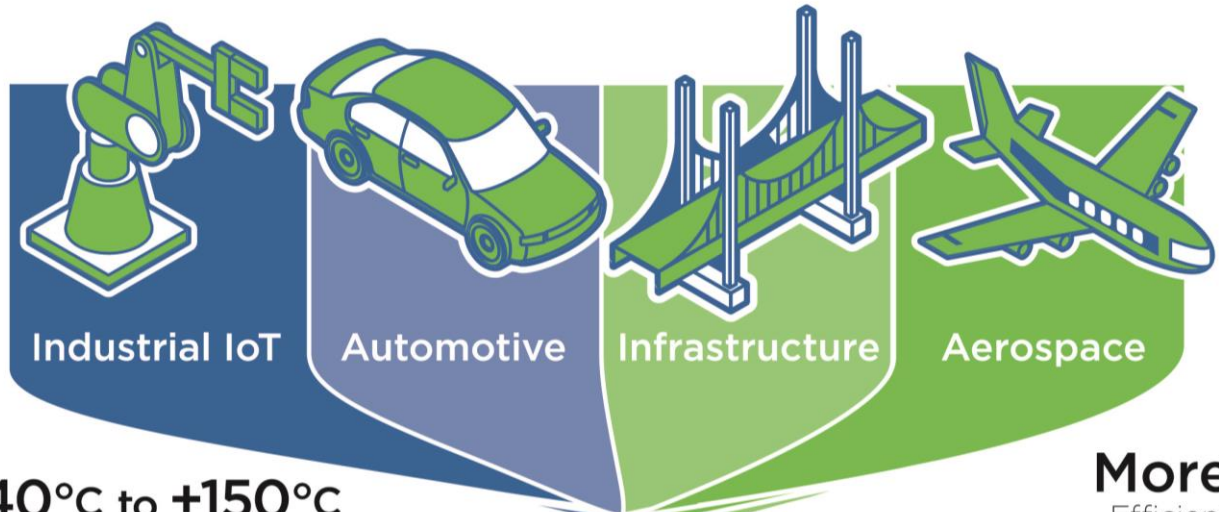


**Stereax<sup>®</sup> P180 Extended Temperature Range Solid State Battery**

**1st** Solid State Battery Technology Designed for Hostile Environments



Industrial IoT

Automotive

Infrastructure

Aerospace

**-40°C to +150°C**  
Extended Operating Temperature

**More**  
Efficient  
Productive  
Reliable

Market Needs

- Low temperature environment
- Fit and forget - minimal maintenance
- Stable power sources

- Easy to fit beacons
- Wide temperature range
- Minimise cost of ownership

- Autonomous - increased range of sensing
- Minimal wiring to decrease weight
- Constant monitoring

- Small, unobtrusive beacons
- High temperature environments
- Retro fitting existing equipment

Stereax Benefits

  
Up to 15 years' life

  
Support down to -40°C

  
Non-flammable

  
Thin <1mm & flexible

  
-40°C up to +150°C

  
Minimal maintenance

  
Each sensor can be powered locally

  
Co-locate with MCU

  
Long lifespan - low discharge rates

  
Small size

  
Supports up to +150°C

  
Combined energy harvester - self-sustaining

**>50 Billion** objects connected by 2025

ilika licenses the Stereax technology based on patented materials and know-how to systems and components OEMs and manufacturers